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THE INDUSTRIOUS HEN



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AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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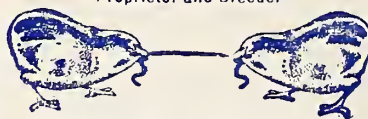
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Southern shows.



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On five entries at Nashville, 1910, I won 1st, 2d, 3d and 5th pull t: 2d cockerel. My birds are large, fine shape and beautifully barred. Mated both for cockerels and pullets. Eggs, \$2.50 per 15; \$4.00 per 30. All orders given careful attention.

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OUR PEN HEADERS FOR 1911

Full Description of Each Male and Pedigree of Females in 1911 Mating List

White Orpingtons

Son 1st Boston cockerel	1910
Son 1st Boston cock	1910
Son 1st New York cockerel	1910
Son 1st New York cock	1910
Son 1st New York cockerel	1910
1st Boston cock	1910
1st Boston cockerel	1910
1st pen cockerel, Boston	1910
Son 1st Boston pen cockerel	1910
1st New York cock	1910
Superb imported cockerel	
Son 1st New York cock	1910
1st and cup, Club Show	1909
Son Cup Winner	1909
1st and cup, Club Show	1910
Perfection imported cockerel	
Son Cup Winner	1909
Son 1st New York cockerel	1910
Another grand imported cockerel	
1st New York cockerel	1910

Buff Orpingtons

1st Boston pen cockerels	1909
2nd New York cock	1909
5th New York cockerel	1909
Grandson 1st Cleveland cockerel	1908
Grandson 1st New York cock	1908
2nd pen male New York	1911
1st pen male New York	1911
2nd New York cock	1910
Grandson 1st New York cock	1907
2nd cockerel New York	1911
Grandson 1st New York cockerel	1906
Son 1st Boston cockerel	1910
Son 2nd New York cock	1911
Son 1st New York cock	1911
Son 1st New York pen male	1910
Son 1st Boston cockerel	1909
1st New York pen cockerel	1910
1st New York pen cockerel	1910
Son 2nd Boston cockerel	1910
2nd New York cock	1911
5th New York cock	1911
1st Boston cockerel	1909

Black Orpingtons

1st Boston cockerel	1910
1st Boston pen cockerel	1910
1st Philadelphia cock	1910
2nd Boston cockerel	1910
3rd Philadelphia cockerel	1910
1st Boston pen cockerel	1911

White Rocks

1st pen male, New York	1909
1st Boston cock	1910
1st pen male, New York	1910
1st pen male, Boston	1910
2nd Boston cockerel	1910
1st Boston cockerel	1909
2nd Boston cock	1910
1st New York cock	1909
2nd pen male, New York	1909
2nd pen male, New York	1910
Best son 1st pen male, New York	1909
Best son 1st Boston cock	1910
Best son 1st pen male, New York	1910
Best son 1st pen male, Boston	1910
Best son 2nd Boston cockerel	1910
Best son 1st Boston cockerel	1909
Best son 2nd Boston cock	1909
Best son 2nd Boston cock	1910
Best son 1st New York cock	1909
Best son 2nd pen male, New York	1909
Best son 2nd pen male, New York	1910

Barred Rocks

Cockerel Matings

3rd New York cock	1910
5th New York cockerel	1910
1st New York pen cockerels	1910
2nd cockerel, Boston	1910
2nd New York cock	1911
Best son 1st pen male, New York	1910
Best son 2nd New York cock	1911
Best son 3rd New York cock	1910

Pullet Matings

Sire 1st New York pen pullets	1910
Brother 1st New York pullet	1909
Head 1st pullet pen, New York	1910
Brother 1st pen pullets, New York	1910
Son 1st New York pullet	1909
Son 2nd New York hen	1911
Brother 2nd New York hen	1911
Cockerel from 1st pen pullets, N. Y.	1910

White Wyandottes

2nd New York cockerel	1908
1st pen, Boston	1910
1st pen male, New York	1909
Display male, New York	1911
1st pen male, New York	1910
4th pen male, New York	1910
3rd Boston cockerel	1910
Son 1st Chicago cockerel	1908
Grandson 1st Chicago cockerel	1908
Son 1st Boston pen male	1910
Son 1st New York pen male	1910
Son 1st New York pen male	1910
Best son display male, New York	
Best son 1st New York pen male	1910
Best son 3rd Boston cockerel	1910
Best son 2nd New York cockerel	1908

S. C. Rhode Island Reds

Display cock, New York	1911
Superb yearling cock, a wonder	
Sound Red cock, extra black points	
1st Brockton pen male	1910
Superb Red cockerel, fine type and color	
Best cockerel seen this year	
Almost perfect colored cockerel	
Son display cock, New York	
Son 1st New York pullet	1909
Brother 1st New York pullet	1910

R. C. Rhode Island Reds

3rd New York cockerel	1910
Son 3rd New York cockerel	1910
Son 3rd New York cockerel	1910
1st Brockton pen cockerels	1910
Son 1st New York cockerel	1910
Son 1st New York cockerel	1910

Order Early

Please order early. January 1st we had received 60 per cent as many orders for eggs for hatching as we received in the whole of last year. It will be desirable and necessary for you to order early, specifying the date you wish shipment. We do not wish to disappoint you. We will do our best if you give us time.

Stock

We have in all our varieties birds just coming to their very best for showing and for breeders, and we will be very pleased to have you write us concerning them. Write fully in your first letter; give us the best idea you can of the quality desired. We will answer you promptly and do our very best.

EGGS FOR HATCHING

If Owen Farms will sell you eggs for hatching from the very same pens they are using to produce their eggs for hatching their whole and entire flock, can you ask for more? If they say to you that they will have on their farm mated up only such males and females as they confidently believe to be the best they have and which they as confidently believe will produce birds of the very highest ideal in type, quality and exhibition points, birds mated together that, from their experience of many years, they can well-nigh know will produce birds that they themselves desire, can you ask for more? This is exactly what Owen Farms undertake to do on honor and to the very best of their ability. There will be no pens mated on Owen Farms from which we will sell eggs for hatching that will not contain the quality and the breeding chance that will not justify a very much larger price, but we, from our experience last year, are thoroughly and entirely convinced that our arrangement to give each and every one a good, fair, square chance at the best of the year is the only equitable arrangement.

Our prices will be the same in each and all of our varieties and are as follows:

10 eggs for	\$ 7.50
11 eggs for	8.25
12 eggs for	9.00
13 eggs for	9.75
14 eggs for	10.50
15 eggs for	11.25
50 eggs for 60c each or	30.00
100 eggs for 50c each or	50.00

We guarantee a good hatch. In the event of your not having a satisfactory hatch we will furnish you a number equal to your first order at one-half price. Express charges will be prepaid on all orders for eggs (ten or over) for original orders but not on eggs at half price, either on account of unsatisfactory hatch or on account of lateness of the season, which half-price season commences June 1st.

CATALOGUES

We have a general catalogue which treats of the following subjects:

Personnel
Business Methods
Correspondence
Prices
Shipments
Early Orders
Guarantees
Breeding Stock
Show Stock
Individual Responsibility
Honest Advice
Foreign Trade
Confidence
Eggs for Hatching
Visitors

We have a mating list which we are ready to send you. We have a special catalogue on White Orpingtons and are preparing a special catalogue on each and every one of our breeds. These in due course we shall announce and send to all those who desire them. Be sure and mention the breed you desire when writing.

OUR VARIETIES

White Orpingtons

White Rocks

Single and Rose Comb Rhode Island Reds

Buff Orpingtons

Barred Rocks

Black Orpingtons

White Wyandottes

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Good winter layers; Langford strain. My pens are headed by prize winners. Procure a setting of my breed and improve your stock.

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White, Black and Buff ORPINGTONS and S.C.R.I. REDS

44 ribbons including 4 specials, 2 medals at three leading shows, 1910. One male bird a winner at New York City, Nashville, Memphis and Louisville. Nothing but the best at reasonable prices. Eggs, \$3 to \$5 per setting; \$9 to \$12 per 50.

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HAGGARD'S S. C. R. I. REDS

From the World's Best Strain.

One pen headed by "Red Tom," pride of Tennessee, dark cherry red, rich yellow legs and deep bay eyes. None better and few as good. Eggs, \$2.00 per 15, express prepaid.

W. H. HAGGARD, Box 13, Afton, Tennessee

White Plymouth Rocks

Bred from New York, Boston and Chicago prize winners. Have won every first and second prize at Martinsville, the quality show of Indiana, last two years. Cockerels heading pens 1, 3 and 4, sired by champion Boston male, 1910 and 1911.

EGGS—\$2 and \$3 per 15.

WALLACE B. BAIN, R. 6, Martinsville, Ind

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PEN No. 1: Headed by a magnificent cockerel, Fishel strain; mated to winners at Augusta and Greenville; snow white, yellow shanks and beaks; all standard weight. Eggs, \$3. PENS 2 and 3: Big blocky birds; snow white; good head points; yellow shanks and beaks. Eggs, \$2.

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Rhode Island Reds

Eggs from selected pens of large, vigorous and unsurpassed layers at \$2, \$3 and \$5 for 15. Our descriptive mating list for the asking. A few nice cockerels for sale.

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Greenville, South Carolina

—OFFER A FEW SELECT—

S. C. White Leghorn Cockerels, \$1 each

S. C. White Leghorn Eggs, \$1.50 per 15

Ninety acres devoted to White Leghorns

Kellerstrass Strain White Orpingtons and S. C. Rhode Island Reds

Prize-winners and winter layers. Eggs and Baby Chicks for sale. Write for 1911 mating list.

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R. F. B. LOGAN, Prop. HERNANDO, MISS

S.C.R.I. REDS

They are vigorous, high in quality, and unsurpassed as layers. Good pullets at \$2.00 and \$5.00. Cockerels at \$5.00. Eggs at \$2.00 a setting and up.

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Care Nashville Bible College, NASHVILLE, TENN.

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My Blacks won at Memphis, Tenn.; Greenville, Jackson, Greenwood, Miss. I am offering eggs from my heavy-laying strain at \$2.50 per setting of 15.

G. A. WILSON, JR., Greenwood, Miss.

DON'T CUT THEIR WINGS, USE

Wardin's Flight Arrester

Prevents fowls flying; injures neither flesh or plumage; made in several sizes. Sample 10c; dozen \$1.00. When ordering state for what breed wanted.

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FINE BIRDS AND BIG LAYERS.

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BUFF, BLACK, WHITE, DIAMOND JUBILEE

Stock for sale. Eggs in season. Winners wherever shown. Write

L. T. MILLETT

Box 110 Johnson City, Tenn.

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Single Comb WHITE LEGHORNS

Eggs for Hatching.

Our Prices are right.

Our Treatment is right.

Our Shipments are right.

Come with us—Write for prices.

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RED QUILL GAMES, S. C. R. I. REDS

INDIAN RUNNER DUCKS

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Bennettsville : : South Carolina

S. C. White and Black LEGHORNS

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S. C. Rhode Island Reds

Lester Tompkins Strain

And Blue Andalusian Eggs for Sale at \$1 and \$1.50 per 15. Some choice Andalusian stock for sale cheap to make room.

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Winners wherever shown. Stock, \$1 and up. Eggs, from choicest matings, \$2 per 15. Inquiries promptly answered. A. L. PORTER, Talladega Springs, Alabama.

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Eggs from my best pen, \$2 for 15, \$3.50 for 30. Prize-winning stock.

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Kellerstrass and Tompkins' strains. Eggs, \$1 to \$5 per 15. Mating list free. Fertility guaranteed. PIEDMONT POULTRY YARDS, Hickory, N. C.

S. C. Rhode Island REDS

Langford-Thompson Strain, a combination hard to beat. Eggs, \$3.00 per setting of 15.

MISS ELOISE ALLEN, Dixon Springs, Tennessee

Weingartner's ANCONAS

Excel in egg production, summer or winter. The coming favorite. Eggs—\$3.00 per 15, \$5.00 per 30. WEINGARTNER BROTHERS, New Castle, Pa.

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Cockerels and Pullets for sale cheap to make room for spring chicks. Eggs in season.

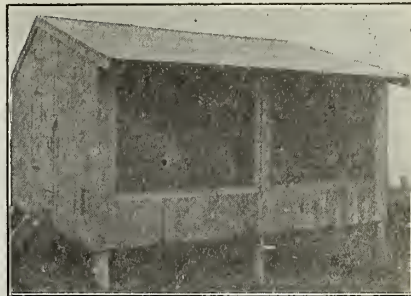
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Every bird raised in modern, open front houses

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— BREEDERS OF —

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At the price we name for eggs, it is unquestionably the best value in America.

DIXIE MINORCA FARM : Bristol, Tenn.



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(ESTABLISHED 1873)

ORIGINATORS

OF ALL THE

ORPINGTONS

Box H. Scotch Plains, New Jersey

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SEND 10c FOR 1911 CATALOGUE containing history of the origination of all the Orpingtons, and hints on poultry keeping.

LATEST WINNINGS: 13 firsts out of a possible 16 at **Augusta, Ga.**, 363 Orpingtons competing; 4 cups, best Orpingtons of the South and North competing. **Palace Show, New York City**—17 firsts, 10 seconds, 5 cups; as usual cup for best display, best pen, best cockerel, 380 Orpingtons competing. **Vineland**—15 firsts out of a possible 15, 3 cups, 3 medals.

At Madison Square, New York, we have won 103 firsts, 72 seconds at six showings, more than eight times as many firsts as any other Orpington breeder. **It pays to go to headquarters.** Several thousand stock birds always for sale. Eggs \$5, \$10 and \$20 a setting.

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Of Highest Known Breeding

That win in any competition in the hands of the leading judges in the United States. Five years of unprecedented winnings in the leading Southern shows. A few of my winnings this year:—Dalton, Ga., 1st cock, 1st cockerel, 1st and 2d hen, 1st and 2d pullet; Asheville, N. C., 1st cock, 2d and 4th pullet, 3d and 4th hen, 1st pen, also silver cup for highest scored cock of any kind in show; Bristol, Tenn.-Va., 1st and 2d pullet, 2d and 4th hen, 2d cock, 2d pen. A few cockerels for sale. EGGS, per setting of 15, \$2.50. Reference, any Johnson City bank

R. A. SWADLEY
JOHNSON CITY, TENN.

BARRED ROCKS

EXCLUSIVELY

Hawkins' Royal Blue Strain

I have six grand pens mated up for eggs. My pens are all headed by prize-winners. "King Blue," one of my noted birds, won 1st prize in hot competition at Lexington, January, 1911. Am booking orders for eggs for March delivery as follows:

Pens 1 and 2—\$1.50 per 15 Eggs

Pens 3 and 4—2.00 per 15 Eggs

Pens 5 and 6—4.00 per 15 Eggs

South View Poultry Farm

CLARENCE B. BLYTHE

R. F. D. 2, Frankfort, Ky.

LANGFORD'S SINGLE COMB RHODE ISLAND REDS

NEW YORK, GRAND CENTRAL PALACE, 1910, won 1st and 2d cocks; 1st hen; 1st cockerel; 2d pen; cup for champion male; cup for best display, and Grand Central Palace cup for best cock, hen, cockerel, pullet and pen. Winners at Madison Square Garden, New York, Jamestown, Boston; also at the leading shows of the South for six years. Send for new catalogue which describes **CHAMPIONSHIP MATING** and other yards—the best I have ever handled.

FRANK LANGFORD, ROUTE 10, NASHVILLE, TENNESSEE

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 7

Knoxville, Tenn., March, 1911

(Whole No. 82) No. 10

The Care to be Taken with Young Chicks

By E. G. WARDIN, Charlotte, North Carolina

MANY people assume that when the chicken has reached the stage of life at which it is cast off by the hen and compelled to do its own brooding, that the rearing is practically over; but this assumption is an expensive one if it leads to any lack of care or attention on the part of the owner, because it will result in unnecessary loss of chickens and a deficiency in growth of those that survive. It may be not quite accurate to state that one loses something which he never had, and yet a chicken which weighs but four

sibilities, should be kept growing all the time. The times during which a chicken ceases to grow are not only lost, but they prevent future development. To keep chickens growing it is necessary that they should be well fed at all times. The food should be given at regular intervals—at first three times daily and later twice a day—and in quantity, all that they will readily eat. This food should be rich in protein, rather than in fats, until about the time when it is desired to fatten the chickens for market. The frame and muscles should be first developed; fat can be added at any time. A good grass run—and if the grass is clover, so much the better—should be provided for growing chickens. In the absence of abundant insect life, meat in some form should be furnished.

Plenty of fresh, cool, clean water is indispensable. It should be in clean vessels and should be placed in a shady spot to keep the contents as cool as possible. In warm weather it is advisable to fill them twice a day. If any diarrhoea appears, the addition of a little sulphate of iron to the water, enough to discolor it slightly and give to it a brackish taste, will usually correct the trouble. As this is a cheap soluble in water, there is no good excuse for neglecting to use it.

As vermin increase rapidly in hot weather, and as chickens annoyed by vermin will not grow rapidly, it is necessary to make warfare upon the vermin. Of the various kinds that attack fowls, none is more to be dreaded than the little gray mites—red when filled with blood—which breed in the cracks and crevices of the roosting places of the chickens. Zenoleum liberally applied to their habitations, will destroy them. The large louse, which bores into the head of each chick about once in ten days, until the chicks are three months old; after which little trouble need be apprehended from the enemy. The lice which dwell upon the bodies of the chickens, the chickens will for the most part get rid of themselves, provided they have a good dusting place. Finally, in order to keep the chickens growing, keep the premises clean, for lice and disease germs flourish where filth is, and where germs flourish chickens will not thrive.

If all this seems like considerable trouble, let it be remembered that success is usually in everything the result of painstaking care. It is not to be won otherwise. But let it be added, that the care here designated is not nearly so formidable as it seems from the statement. A few minutes at a time each day for the feeding and watering, a few minutes once a week or so in cleaning and the warfare on vermin and the work is done. The results will fully compensate for the trouble.

There is something in the shape of an egg that tells the story. If it is ridgy, long and peaked, unusually large, or if it is "out of shape," it will not tell you whether it will hatch a male or female, but it tells a truthful story of the condition of that hen. Such eggs come only from hens that have diseased ovaries, generally caused by being in a too fat condition.

No man can properly attend to more than five hundred hens. It is not only a question of feeding and watering, but it is necessary to closely watch their condition, to keep their houses in repair, and make them comfortable, and a long list of little details that dare not be neglected.



S. C. Brown Leghorn cock. First prize winner at Tennessee State Fair and Appalachian Exposition. Bred and owned by J. W. Leeman, Henderson's X Roads, Tennessee.

pounds when it might have been made to weigh six pounds at the same age, causes a loss to the owner of two pounds in the chicken—a small matter with one chicken, but not so small when there are one hundred or more.

As soon as chicks are weaned by the hen, they should be provided with comfortable coops, large enough to accommodate their prospective growth, and not too many to be placed in each coop. When the coops are too small or too many are confined in one coop at night, there will be crowding, and crowding often produces deformity and sometimes causes less of life by smothering. The style of coop is no matter of importance, provided the necessary size is given, and provision is made for dryness, ventilation and safety from rats, cats, owls, etc. We have found that a coop, provided with a floor raised a little above the ground and with a wire screen to shut in the chickens and shut out their enemies, answers admirably until the time arrives when the chickens go to roost. Then, a roost under an open shed is desirable.

The chickens, in order to develop according to their pos-

The Poultrymen of Middle Tennessee

By The Industrious Hen's "HIRED MAN"

IT HAD long been the "Hired Man's" desire to visit some of the poultrymen of this favored section, and his wish was realized when he received a communication from Dismukes & Arrington at Castalian Springs, Tenn., to the effect that the assistance of THE INDUSTRIOUS HEN was desired in the organization of a poultry association in Trousdale county, on February 25.

When the "Hired Man" arrived at Hartsville about 11 o'clock on that date, some of the most enthusiastic poultry people it has been his pleasure to meet, were there; and it did not take them long to get down to business. Several of the "cranks," including Messrs. John Barbee, C. V. Gwin, S. R. Tinsley, Walker & Cullom, of Hartsville; Dr. C. L. Gray, of Lebanon; and Dismukes & Arrington, of Castalian Springs; to say nothing of the ladies—Mesdames J. J. Up-

ten members. Just enough ladies on the Committee to hold down the men, and they insure the success of the association.

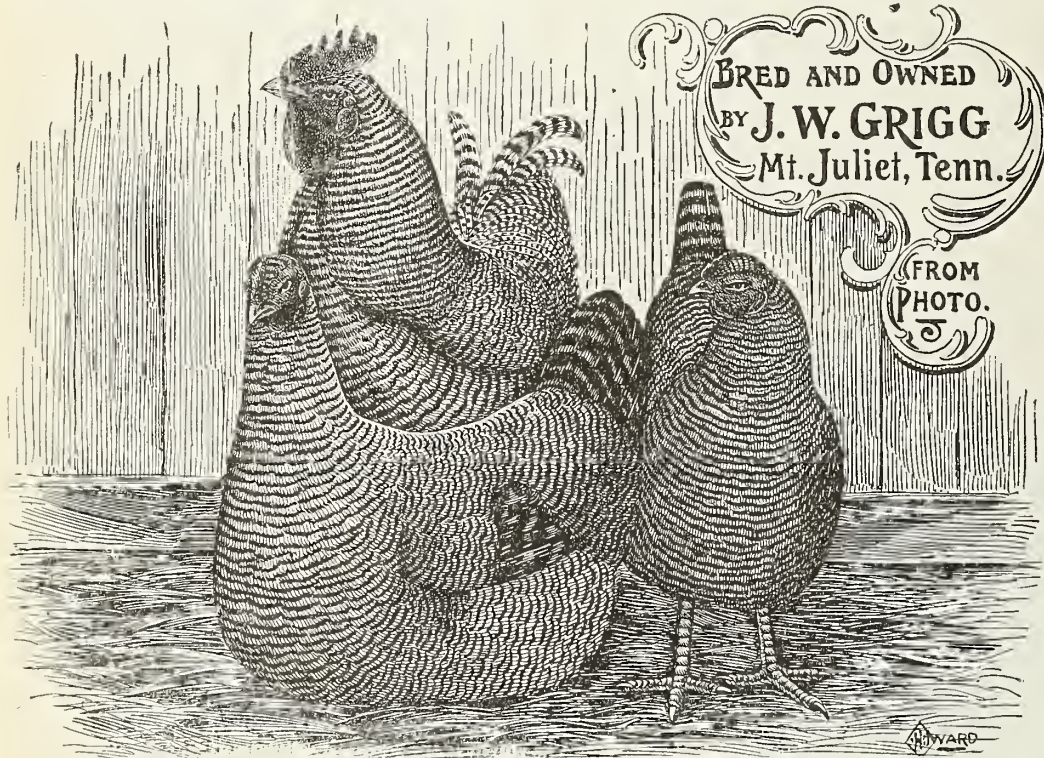
The birds shown were far better than the "Hired Man" expected to find in a county where no local association had previously existed. John Barbee's Barred Rocks, the "Ringlett" kind, were well barred and had good shape, as also were the Barred Rocks shown by Mrs. J. Burkhart, of Hartsville. The Buena Vista Poultry Yards, of Hartsville, had a grand string of Columbian and Partridge Wyandottes and S. C. Rhode Island Reds, as good as could be found anywhere. Walker & Cullom, of Hartsville, brought out some of the best Brown Leghorns the "Hired Man" had seen in quite a while, and their Light Brahmas and R. C. Rhode Island Reds would be a credit to any breeder of these varieties. The White Wyandottes shown by S. R. Tinsley, of

Hartsville, was the talk of the show, typical Wyandotte shape, and no creaminess in plumage. Mrs. L. S. Collingsworth, of Castalian Springs, had a fine display of Black Minorcas—birds with correct backs and tails—the male bird at the head of the pen being the right kind for utility breeding. The White Embden Geese shown by Mrs. J. J. Upshaw, Hartsville, were very fine and showed good markings, denoting careful breeding. The coops containing the Mottled Anconas of Dismukes & Arrington, were decorated with the blue and red ribbons, which these birds captured at the Tennessee State Fair and at the Appalachian Exposition, an unusual attraction to visitors.

While at Hartsville, the "Hired Man" had the pleasure of visiting the home of Mr. E. S. Payne, at Castalian Springs, a gentleman of the old school, and one of the most substantial

men of his section of the State. His better half is a breeder of S. C. Buff Orpingtons, S. C. White Leghorns and Indian Runner ducks. She had just purchased a fine Buff cockerel from the Cheviot Farms, of Cincinnati, to head her best pen, and it arrived while the "Hired Man" was sojourning there. The bird is a good one, and Mrs. Payne's customers will certainly be pleased with his matings. Her Leghorns and Ducks were good.

A chance to visit the Cozy Nook Orpington Farm at Lebanon, Tenn., owned by Dr. C. L. Gray, was not to be denied the "Hired Man," and was one of the most pleasant events of his trip. This farm is located on the Lebanon and Nashville Pike, and is at Horn Spring on the Tennessee Central railroad. Dr. Gray purchased the farm during the past winter. His poultry houses face the South and present a pretty picture, being shaded by massive oaks—a veritable "cozy nook." His orchard at the rear of his residence has open front, double-pen houses, 12x24, with 3x6 windows in each end, like all the other houses, to let in the morning sun, but closed at night with solid shutter hinges from lower side. Dr. Gray had just returned from an extended trip through Kentucky, Ohio, Indiana and Illinois, where he had purchased some of the best Buff Orpingtons that money could buy, and had added these to his yards, which already contained some of the best in the South. He has four pens mated up for the egg trade, the eggs being moderately priced. A new department with the doctor is the White Orpington, he having purchased two pens of magnificent imported birds, but will not sell any eggs from them this season.



Prize winners in 1888. Note difference in barring then and now. Mr. Grigg has kept up with the Standard, as his recent winnings show.

shaw and J. Burkhart, of Hartsville; and E. S. Payne and L. S. Collingsworth, of Castalian Springs, brought some of their best birds along, and an impromptu show was held, which was attended by about everyone in the county.

Of course, with all this crowd present, something was "bound to happen," and when temporary chairman, Dr. C. L. Gray mounted the rostrum, probably the largest and most enthusiastic bunch of "cranks" ever assembled for the purpose of organizing an association, was present. After order had been restored, the "Hired Man" was recognized and called upon for a talk along the line of organization. Owing to the din and confusion caused by the crowing of the cocks in the show room adjoining, it was with some difficulty that the "Hired Man" was heard; but he finally succeeded in stating the purpose of the meeting, gave a resume of the poultry industry of the State, discussed the proposed appropriation to be asked for at the present session of the Legislature, poultry institutes, and such other questions as seemed peculiarly befitting the occasion. Following the "Hired Man," President Perkins made a few appropriate remarks, thanking his friends for the trust reposed in him, and pledging himself to fill the office to the best of his ability.

The launching of the Trousdale County Poultry Association is most auspicious to say the least. There was just enough enthusiasm manifested to insure a live association, and the officers are honest and well known men and women, who, when they take hold of a thing or identify themselves with any movement, do not stop until they push it to a successful conclusion. The executive committee consists of

A short trip over the Tennessee Central railroad brought the "Hired Man" to Mt. Juliet, Tenn., and to the Barred Rock farm of Jas. W. Grigg. He has been breeding Barred Rocks for the past quarter of a century and his birds have been the talk of Middle Tennessee during all that time. The "Hired Man" had already seen the magnificent pen

education. All of the poultrymen in that section swear by THE INDUSTRIOUS HEN. They assured the "Hired Man" everywhere that he was welcome, and that his paper was in almost every home where a chicken was raised.

Poultry Raising Profitable

In the February Outing, E. P. Powell tells how to make the country home pay. Regarding poultry, he says:

"I have, however, a good deal of sympathy with those who prefer to start their country experience with poultry raising. The price of eggs is not likely to fall below thirty cents in the winter and twenty in the summer. The market is always sure, and it does not vary very greatly in different parts of the country. Only you must have a cheap home food, or the hens will not only make your table waste and steal your small fruits, but they will run up a mill bill: destroying everything, and yet not satisfied, nor laying enough to make it pay. At any rate let this matter be well thought out, and a good proportion established between cost of keeping and income from eggs and broilers.

"Be sure also to have good poultry fences between yourself and your neighbors. A little management will give a good wide range for your house, where they will keep lawns and vegetable gardens cleared of crickets and grasshoppers, curculios and other noxious bugs, while excluded from the gooseberries and the strawberries. It is a much easier problem in the South, where Biddy can range the fields twelve months of the year. You have only to add vassava and sweet potatoes, which you can grow in unlimited supplies. Always pet your biddies, talk with them as if they understood you, allow no one to scare them, and they will soon be much more manageable.

"Kill the crazy ones that fly and yell if you go near them. The tame ones are the best layers, and you will be taking your basket of eggs to market twice a week, from



S. C. BUFF ORPINGTON COCK.

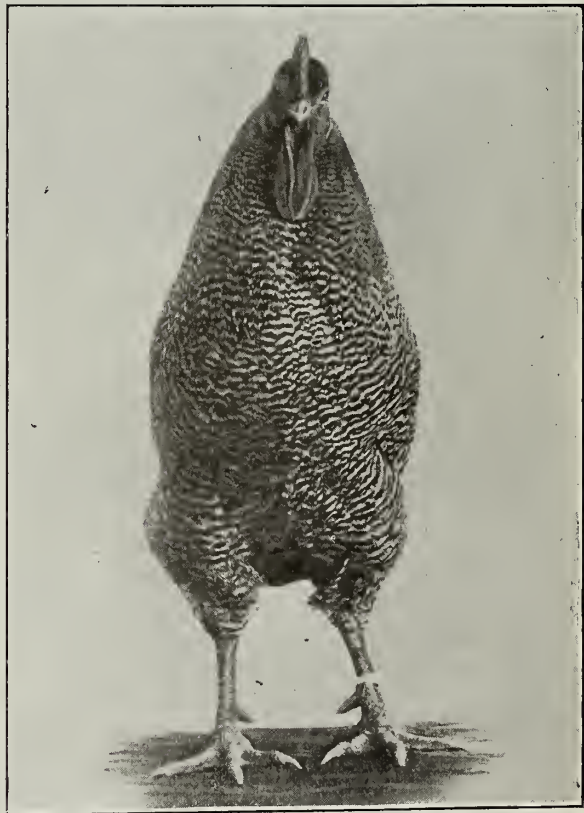
The type of Orpingtons bred on Cozy Nook Orpington Farm, Dr. C. L. Gray, owner, Lebanon, Tennessee.

which Mr. Grigg had shown at the Tennessee State Fair and the Appalachian Exposition, and on which he had captured the blue ribbon at both places, and he had thought they were the best in the world, but when he gazed on the scores of others in Mr. Grigg's yard, which appeared to him just as good, his astonishment broke out afresh. These Rocks will certainly come up to the expectations of the most exacting, and will make themselves felt again this season in the show room.

Reaching Nashville, after the visit to Grigg's farm at Mt. Juliet, the first thing the "Hired Man" did was to jump on a Fatherland street car and "beat in" to East Station, in East Nashville, to call on his old friend, J. O. Norton, breeder of S. C. Reds extraordinary. The "Hired Man" expected to find Reds in Norton's yards, and so he did and good ones, too; but a surprise awaited him, in the shape of about 150 of the classiest S. C. White Leghorns he has ever seen. This is a new departure, but Norton knows a good thing, and he started right in the Leghorn business by getting the best for foundation stock. He has four incubators running, and is selling eggs from both varieties—Leghorns and Reds.

A visit to the West Greenwood Poultry Yards, Nashville, was next in order. Here the "Hired Man" expected to find a "back yard with chickens in it," but instead found a ranch. Thirty-four acres in the plant, with a capacity of 10,000 laying hens. About ten incubators with large egg capacities, were running, and about 1,500 chicks already hatched out, half of them four weeks old. If these people don't make the White Leghorn business boom in the South, the "Hired Man" goes "locoed" for once. The ground on which the plant is located is ideal, having a good slope, and contains half a hundred colony houses, open front and facing the South. Mr. Moore, of the Montgomery-Moore Manufacturing Co., a business man of well-known integrity and business acumen, is back of it, and is giving the plant a great deal of his personal attention.

Middle Tennessee poultrymen everywhere are wide awake to their possibilities, and are coming to the front fast. The "Hired Man" found them all working hard for an appropriation by the Legislature to further carry on the work of



"KING BLUE."

Barred Plymouth Rock cock. Winner of first prize at Lexington, Ky., 1911. Clarence B. Blythe, owner, Frankfort, Ky.

tewnty hens, and bringing home instead what groceries you need. I should like to make some figures here concerning broilers and eggs, but all of these estimates are dangerous. I simply think that, with common sense and study of conditions, raising fowls is a capital way of beginning home life in the country.

Interesting Facts About Mottled Anconas

By FR. G. FISH, Ashboro, North Carolina

WHEN I started in the poultry business, the hardest question I had so solve was, what breed of fowls should I keep? I wanted a breed and strain that could be depended upon to meet all requirements, and most especially the production of eggs. Many of the Northern

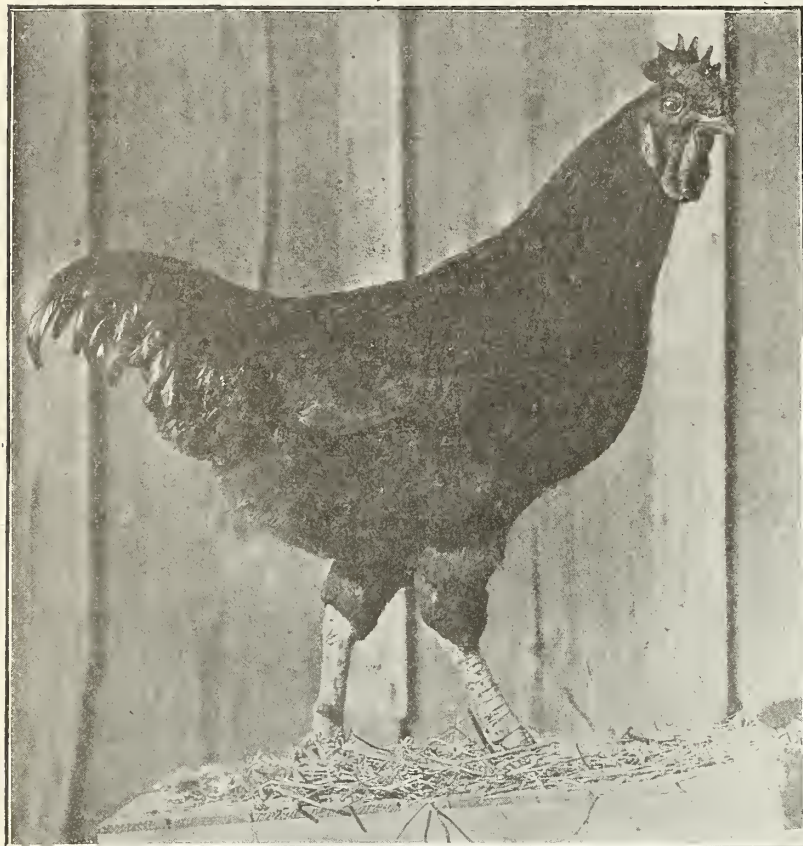
plenty to eat to keep them growing nicely. At ten weeks of age the Ancona chicks had it over the B. P. Rocks in weight one and one-half ounces each. As to their egg producing qualities, I have tested them side by side with my B. P. Rocks and White Wyandottes, that are choice birds and bred to lay, and I can truthfully say, for winter layers the Anconas have layed two eggs to the other breed's one, and have done it on one-half the feed.

Anconas have been bred in England for the past fifty years, but are a young breed in America, comparatively speaking. They are fast coming to the front and are taking their place as the largest egg producing fowl on earth. They invariably hatch true to the characteristics of the breed; therefore, one can depend on getting the finest and most useful of birds when hatched from Ancona eggs. All in all, the Ancona is the bird you want to breed for more chicks, more eggs, more meat, more activity, and less vermin and smaller rations than any breed in the world.

Admissions to Shows

The smaller show associations are confronted with something of a problem when it comes to the admission fee or free poultry show. If the merchants of the town want the people to come out to see the show and suburban attendance is desired to the end that it brings more business to the town in general, then the merchants and other supporters of the show want it open to the general public, free of any admission charge. To throw a show open without a charge for visiting it, invites a lot of folks into the show room which are far from desirable and will hinder rather than facilitate the business of the officials and attendants.

It is all well and good for the smaller show associations to be free from the fright that generally seizes them during the poorly attended show where an admission charge is made. Anxiety over the amount of "gate" does not help the officials, nor does a free show where crowds hinder business and children poke the birds with sticks, will hardly entice the exhibitors again.

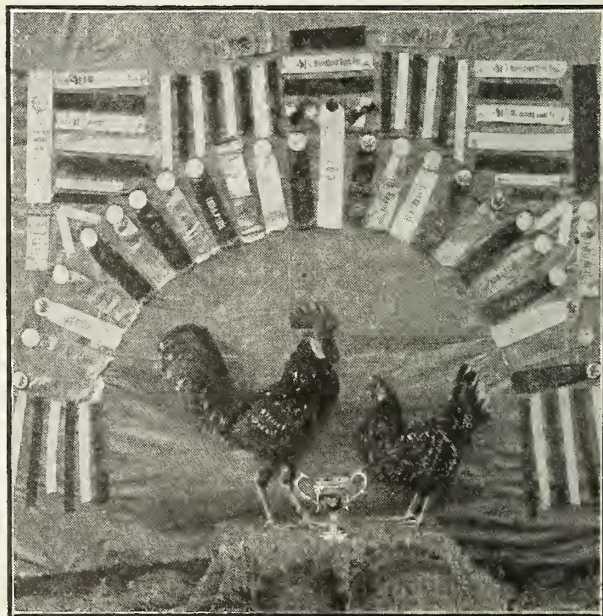


Champion first S. C. Rhode Island Red Cockerel at New York. Bred and owned by Frank Langford, Route 10, Nashville, Tenn.

and middle Western poultry papers had much to say about the wonderful egg-producing qualities of the Mottled Anconas, and finally I decided to try them. I was not to be satisfied with anything but the best strain that could be had in America, and selecting the most famous importer and breeder of Anconas in the United States, I placed my order for five hundred and twenty eggs. I had excellent success with my two hatches, and when they came from the incubators they were the strongest and most hardy youngsters I ever saw.

To those who are unacquainted with this noble breed, I will say that they are natives of Italy, and are of the Mediterranean class. Their ancestry is questioned, some claiming them to be a cross between the Black and White Leghorns, while others advance the theory that they are of a Leghorn-Minorca origin. After a careful study of the breed, and reasoning from some of their marked peculiarities, such as the enormous size of the egg they lay as hens, and the peculiar shape of their backs, I am of the opinion that the latter idea has good foundation. They are a very active fowl and without doubt flourish best in confinement of any known breed. Their eggs hatch the largest per cent of all breeds, because of their superior hardiness. Young cockerels will crow at the age of six weeks, and pullets will lay at four and one-half to five months of age, if properly cared for.

On account of their phenomenal growth, they will produce more meat at ten weeks old than any other breed of their class, and even some of the larger breeds. I have some fine Plymouth Rocks, large birds, the stock of which I obtained from one of our well-known breeders. To make a test in a small way, last fall I placed under a hen some Barred Plymouth Rock and Ancona eggs. The chicks were hatched strong and healthy, and were allowed free range on the farm with the mother hen, and after ten days of age, had



First Ancona cockerel and first pullet at Asheville, also first cockerel and third pullet at Chattanooga. Bred and owned by L. M. Barrett, Morristown, Tenn.

How Much Vitality Eggs Contain

By W. F. KEMPER, Kent, Washington

THIS problem puzzled most poultrymen and one would wonder how it could be explained. For example, take fertile eggs only and fill the incubator. Light the lamp and don't test the eggs till 21 days have expired, when most of the eggs hatch. When testing those that don't hatch you find some (probably only one) that are not clear but have an even cloudy look. You break the egg and it is rotten. This egg had no vitality at all, therefore the germ is dead, which made the egg rotten. If a vegetable seed has no vitality it is dead and when you plant it, it simply rots.

Next is the egg with the black spot in it, called the weak germ, and dies on the tenth day of incubation. This egg had 10 per cent of vitality, therefore it had only 10 per cent of blood and 10 per cent of animal heat, and when you took the eggs out of the incubator to cool, this egg cooled ten times as quickly as the perfect egg that has 100 per cent of heat, and the egg became so cold that the germ chilled to death.

Next is the egg that produces the chick that dies in the shell. This egg had 20 per cent vitality. The chick is only one-fifth as strong as it should be and when the time of incubation has expired and the chick begins to breathe, it is too weak to break the shell and it smothers to death.

Next is the chick that broke the shell but cannot get out and then we find the shell dried fast to the chick. Some folks claim there was not enough moisture, but they are mistaken. The eggs this chick is from only had 30 per cent of vitality and the chick is only 30 per cent as strong as it ought to be, and it was so slow in getting out of the shell that the dry air in the incubator soon dried the thin skin that is between the shell which makes the skin tough and the chick is caught like a fly in the web. The skin is weak when moist and strong when dry. Just the same as moist paper is weak and dry paper is strong.

Next is the chick that dies when one week old. The egg had 40 per cent of vitality and the chick has 40 per cent of a constitution and weak digestive organs. It has hard work to digest the yolk of the egg that nature has placed within it and then eats grain it dies with indigestion.

Next is the chick that grows to feathers and dies at the danger line. The feathers only grow natural and the body stops growing. The egg had 50 per cent of vitality and it takes 50 per cent of vitality to grow feathers, the feathers draw that amount from the body and the body fades away and the chick dies because it has no vitality to live on.

Next is the chick that stops growing when it is half grown with its head drawn back between its shoulders. It has indigestion and that causes bowel trouble. The chick gets weaker every day and dies. The egg the chick hatched from had 60 per cent of vitality.

Next is the chick you find lying on the ground, as if dead, some cold morning or chilly day. The egg and chick had 70 per cent of vitality. It is lacking 30 per cent in animal heat and feathers and when damp, chilly weather sets in in the fall it cannot help but take cold. It has a thick slime in its mouth that it keeps chewing at. It has a good appetite but mopes around and finally gets the white diarrhoea and dies.

Next is the full grown chick that takes cold in a draft at night or overcrowded coop. When it leaves the warm coop it cools off too quickly, as it is lacking in feathers because the egg only had 80 per cent of vitality. The chick gets a rattling in the throat, one eye will close and rot out. This chick has not enough self-sustaining material to preserve the body. The blood contains too much water and as the eye is the weakest member of the body it will decompose first, like it does in all creatures that die. Then the body wastes away or goes into consumption and the chick dies.

Next is the pullet that lays late in spring and summer and then only at intervals. The eggs had 90 per cent of vitality and the pullet is lacking 10 per cent in every respect and because some of the food the pullet eats goes toward

supplying the missing 10 per cent, the pullet cannot lay every day.

Next is the pullet that begins to lay at five months of age or the hen that is a good winter layer. The eggs she was hatched from had 100 per cent of vitality and she has 100 per cent of blood and feathers, therefore her body is protected from cold weather and that is why she lays in winter. She can roost in a tree in a draft or in the overcrowded coop and not take cold because of her thick coat of feathers, and her perfect animal heat prevents her from cooling off to such an extent that she can take cold. She can eat anything that nature will put upon her, because she



First Rhode Island Red Cockerel at Memphis, 1910. Bred and owned by James M. Frank, Nashville, Tenn.

is as nature intended she should be—perfect in every respect.

Some one may ask how I know these eggs have the amount of vitality I claim they have. We all know the more vitality a creature has the more he can endure, the longer he will live. The weak germ, with 10 per cent of vitality, that died on the tenth day, could not stand the shock to be cooled as much as the other eggs, so it died. The chick with 50 per cent vitality that dies at the danger line could not stand the shock to give 50 per cent of vitality to grow feathers, so it died. The perfect chick, with 100 per cent of vitality, can stand the shocks I have mentioned and that is why it lives. There is certainly no pleasure in hatching weak chicks. There is certainly no money in them and most poultrymen incubate strong eggs only that produces good winter layers, as they are the ones that pay off the mortgage on the farm and swell their bank accounts and the few that hatch chicks that do not reach maturity do it through ignorance. In some respects ignorance is bliss, but not in the poultry business.

Broiler raising calls for pluck, grit and perseverance. The parent stock must be strong and vigorous. Care, feed, fresh air and exercise are the essentials for growing a chick to broiler size. The chick must grow from the first day and continue to do so until the marketable weight is reached. Some chicks grow faster than others, and in such cases the weak must be separated from the strong, so that chicks of only the same development are kept together. Cleanliness is important, especially in the hovers, and sufficient light litter must be kept in the brooder runs in order to induce exercise in searching for grain.—M. K. BOYER, Hammononton, N. J.

Lantern Lectures on Poultry Raising

Production and Marketing of Eggs and Fowls

Syllabus by PROF. JAMES A. DRYDEN, of Oregon Agricultural College, Corvallis, Oregon

THE production and marketing of eggs and fowls is taught by lantern-slide lectures by the U. S. Department of Agriculture, which has just issued a second edition of the lecture syllabus on the subject prepared by Prof. James Dryden of the poultry department at the Agricultural College. The syllabus, with some forty-five illustrative slides, is loaned or sold outright to public school teachers, farmers, institute lecturers and others who wish to prepare themselves to give addresses on the subject. Egg production, the breeds and laying capacity, housing of fowls, feeding chick-

ens, incubators and brooders, fattening and marketing are some of the subjects covered by Prof. Dryden in the syllabus. He discusses, too, the unexcelled nutritive quality of the egg, for both the sick and the well; the impossibility of producing a successful substitute or adulterant; and the use of eggs in the arts, as in furnishing the albumen for photographic papers.

"Undesirable flavors may be detected in the egg after feeding the hen heavily on foods of strong or high flavor," says Prof. Dryden in the syllabus. "Onions give undesirable

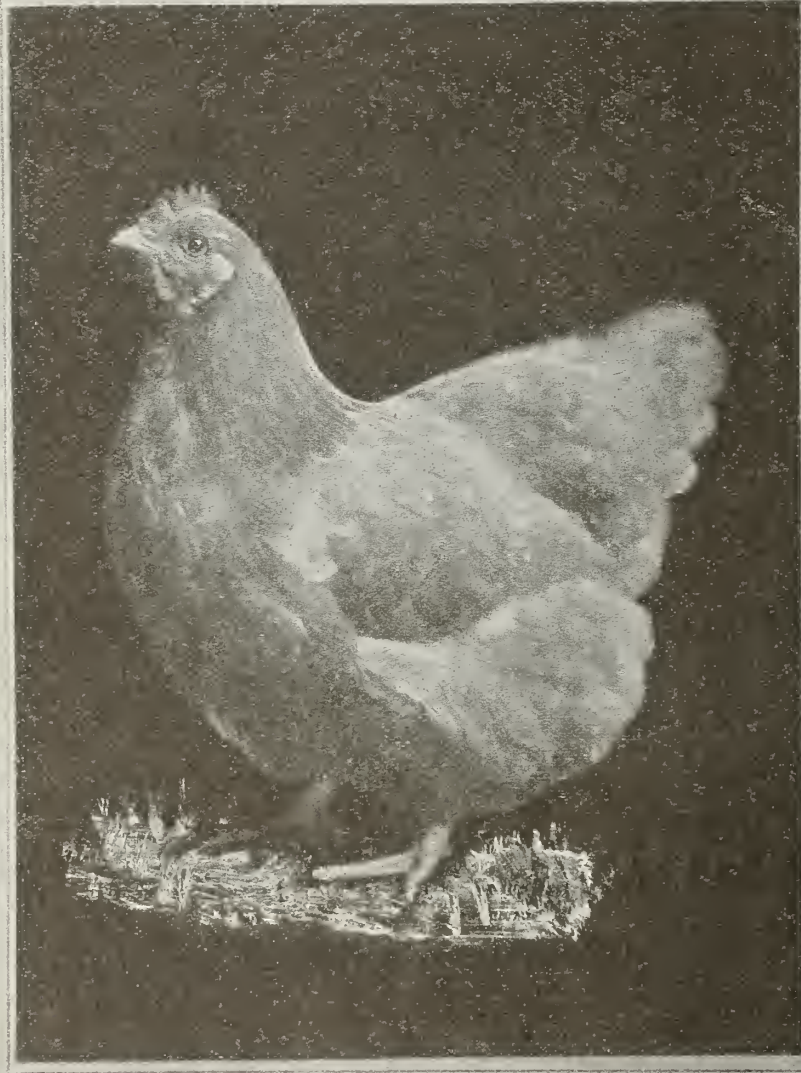
flavor, and if the hen eats them in sufficient quantity the eggs will be unfit for use. No beef scrap, except that of good quality should be fed the hens. It has also been shown that certain foods affect the color of the egg, as alfalfa, for instance, when fed liberally, gives high colored yolks. Pale yolks generally indicate a lack of green food in the hen's diet.

"Laying capacity varies greatly among individual hens. Experiment Station records show that hens vary from 250 eggs a year to none at all. Large breeds, such as Brahmas, Cochins and Langshans, should not be kept for egg production; they are chiefly for providing large chickens for table purposes. A medium sized breed, such as the Plymouth Rock or Wyandotte, is usually wisest for the average farm where fowls are kept for home use.

"The flock should be renewed every two years, since the limit of profitable egg production is probably two laying years. In case of special breeding stock it will pay to keep them longer, for breeding purposes.

"The main consideration in building poultry houses is the health of the fowls. It is not desirable to keep more than 100 in one colony house. It is essential that there should be no drafts or cold air on the fowls at night. Low temperature is not necessarily injurious but extremes of both heat and cold should be avoided. The most practicable way of overcoming this difficulty is to leave one end of the house largely open.

"The feeding of fowls depends largely on the place in which they are kept. Where they have the liberty of the fields, the question is much simplified; there they will pick a large proportion of their food. No set of rules can be laid down as to rations, but a knowledge of some of the general principles of food and feeding will help the poultryman to avoid mistakes. * * * Exercise is just as necessary in the production of eggs as is food. If the weather is such that a large proportion of nature's food is covered, different methods are necessary if eggs are to be secured. Access to a straw stack or a pile of clean straw on the floor of the poultry house will be an incentive to exercise if grain is scattered in it."



1st Buff Orpington Pen Pullet.
CHICAGO DEC. 1909 OWNED AND BRED BY
A.E.MARTZ, ARCADIA, IND.

Alarming Mortalities in the Young Chicks

By J. C. CLIPP, Saltillo, Indiana

IT'S alarming to know that at least 50 per cent of all the chicks you hatch die before they reach the two-weeks age. While a large per cent die before maturity, improper hatching and brooding, with improper feeding is the cause of this large per cent of loss. There are a large number of incubators now on the market that hatch almost

It must be remembered that the last thing a chick does before it leaves the shell is to absorb the yolk of the egg. This is nature's food and if you supply more promptly after the chick is hatched, you create an inflammation of the digestive organs and the result is death. I would never think of feeding chicks for thirty-six hours after they are hatched. After that time they may be given a light feed. I always prefer to see the chicks come out and scratch and make an effort to obtain food before we attempt feeding them. We find this is quite early enough to feed. Chicks seldom suffer for the want of food, but, to the contrary, suffer from over-feeding.

Our first feeding, as a rule, is cornmeal and wheat cakes softened in sweet milk; only just enough to make the bread crumble. This fed for only three days; we then feed the best commercial chick feed we can get, feeding but three times a day. But as soon as the weather permits we turn them out on range with the mother hen and feed but twice a day. Where chicks are compelled to be yarded and deprived of range, they should be fed at least five times daily. We prepared a shallow box last season, covered it with slats and filled with wheat bran, allowing the chicks to run to it at will, and I have never had a single sick chick. Close by was another box of charcoal, then for a drink of water, and scamper off with mother to the range. You could almost see them grow. It's a pleasure to feed chicks when they grow off like weeds, but there is nothing more disgusting than to feed chicks and find at every feeding from one to ten dead under the hen, and that many more dragging themselves up to the feed coop. I am convinced it's the manner of incubating and brooding that causes the great mortalities in chicks.

Do You Use Trap Nests?

How many hens are you keeping that do not lay enough eggs to pay for their feed? When you sell your hens, do you know whether you are selling the laying hens or the hens that do not lay? You should know, and the only way to know is to use trap nests and keep a record of every hen.

One of the best and most practical trap nests, is that in which the hen shuts the door as she enters. These nests are simple in construction. They should be built so that the door swings out. When it is open it forms a landing place for the hen to jump upon before entering the nest. When



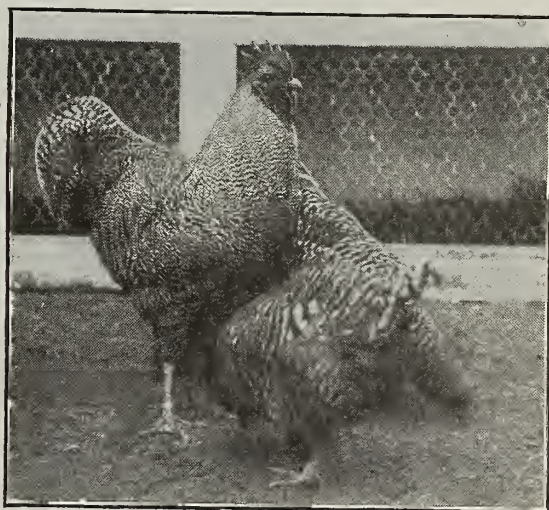
Barred Rock Cockerel. Second at Pine Bluff, Ark., 1910. Bred and owned by W. W. Reeder, Minden, La.

equal to the natural hen. Perfection is the method used by the natural hen, provided she has a chance to display her natural ability. Personally, I prefer the natural hen as brooders. During early spring we use incubators for hatching purposes and give the chicks to good, large, quiet hens of a motherly disposition, and use the open shed front poultry houses for brooding purposes. I find fresh air for chicks one of the greatest tonics known for healthy chicks. They grow and develop much quicker into maturity when brooded out in open front colony houses.

I visited a large poultry plant a few years ago that was using artificial methods for brooding altogether. The small indoor runs were simply crowded to overflowing with chicks, all showing more or less weakness from constant indoor foul air brooding. You never see such pitiful sights with natural hens and fresh air.

Improper feeding of young chicks is another cause of many mortalities in young chicks. The amateurs who venture into the hatching and brooding of chicks this spring for the first time, will find they will have abundant mortalities if they do not use the utmost precaution in feeding. It appears to be the weakness of most all of us to want to feed the chicks promptly "the first thing out of the box"—as soon as they are hatched; but the practice is a most fatal one for newly hatched chicks.

I remember, years ago, when first attempting raising chickens, I wanted to feed the chicks before they were old enough to remove from the nest, and *did* feed a few crumbs down side of the hen and then stepped back to hear the hen call them out to eat the crumbs. We enjoyed feeding them to see them eat eagerly, as you know chicks always eat as though they were most starved, and the more they eat the more they want. I always fed all they would eat and more, and by the time they reached the two months age, the majority of them had passed over to the unseen.



A trio of Reeder's "Aristocrat" Barred Rocks, Minden, La. First at Corsicana, Texas, 1911.

the door is closed, the bottom will be level and the hen cannot escape until released. The nest itself is in the back part of the box.

All hens should be marked with leg bands. This makes it easy to keep a record of the eggs laid and the hens that lay. And keep the records as you should keep an account of every cow.—*Exchange*.

Wonderful Qualities of Indian Runner Ducks

By MRS. J. J. WINGERT, Crawfordsville, Indiana

IN THE Indian Runner duck we find much that is good. The most wonderful quality is the egg laying habit, far surpassing anything yet produced. As a table fowl it is delicious. The flesh is tender and well flavored. The feathers, while not many to a fowl, command a fancy price. If given the proper food and attention, nearly every duck lays an egg nearly every morning the year round except during molt. By attention we mean the every-day kind, not the now-and-then method. The old adage "What is worth doing at all is worth doing well," counts for much in duck culture.

These ducks are adapted to any location and a farm that is good for nothing from a farming standpoint is suitable for ducks. Running water is not at all necessary for their development, but they require plenty of clean fresh water for drinking purposes. They are great foragers and find a part of their feed when given free range, but they can be successfully handled in limited quarters, a two-foot fence being sufficient to enclose them.

To see the Indian Runner duck is to admire it; for its peculiar markings and racy appearance make it very attractive. In color it is fawn and white. The standard weight

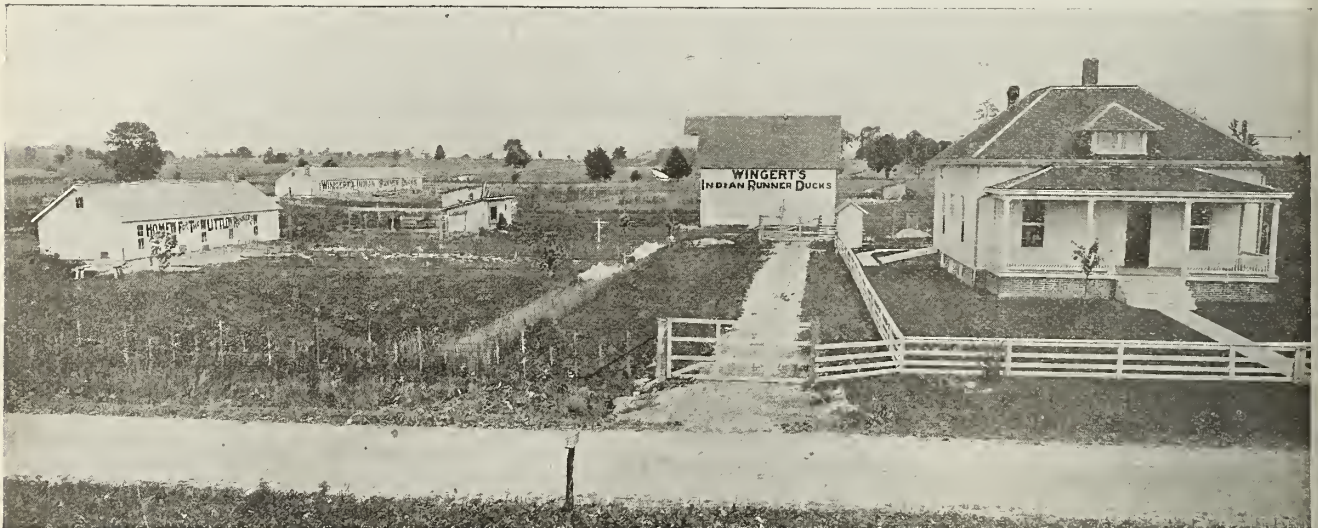
Never feed quite all they will eat. Sand and oyster shell must be kept before them all the time.

These ducks are hardy and vigorous and as their chief characteristics are the laying qualities, they have come to stay, and the one who gives them special attention will realize a good profit from them in the future.

The incubator is an important factor in rearing ducks, and our advice would be to get one that gives plenty of fresh air and moisture, for these two elements are absolutely necessary in a successful hatch. Run the machine at 102 degrees the first three weeks, 103 degrees the last week. Hens are really the best, but this is too slow if any number is to be raised. Sprinkle the eggs every day or two with luke warm water and changing the straw once each week bring best results.

During the first few days ducklings should be fed bread soaked in sweet milk or water, squeezed dry, sprinkled with sand. This should be left before them all the time for two days. Give plenty of fresh water so they cannot get wet, for if they get drabbled, even in hot weather, they will often die from being chilled.

Ducklings do not require nearly so much heat as do



Bird's eye view of the home of Wingert's Indian Runner Ducks at Crawfordsville, Ind.

for a duck is four pounds; drake, four and one-half pounds. There are many points in favor of duck culture, as they are free from lice, roup, scabby legs and other diseases so common to chickens.

One of the secrets of success is to start with pure bred stock, for blood will tell in ducks the same as other poultry. To get eggs or stock, we must go to one who makes a specialty of that breed. In order to have good strong fertile ducks, we must get birds that have been fed and cared for right and that come from strong healthy stock. More have failed on this one thing alone than all others. Better pay a good round price for foundation stock than to take indifferent stuff as a gift. It is a mistake to think an egg laid by any kind of a duck will do because it is cheap. The best is none too good. Having a good foundation, it is wonderful what can be done with a small number. By this method you get experience gradually as your flock increases.

If winter eggs are wanted, laying ducks should have an enclosed house. Sawdust makes best litter. After May 1st they do better if allowed to run out all the time, but should be penned at night until 9 o'clock the next morning, when they will be through laying for the day. At this time the real fun begins. Such a beautiful sight to see so many eggs, lying around on the ground. What a pleasure it is to help pick up those nice large eggs. The eggs are larger than hen eggs and they command from five to ten cents more than hen eggs in commercial market. The demand for fresh duck eggs is never overstocked.

Laying ducks should be fed a damp mash of four measures bran, two measures shorts, two measures corn meal, one measure beef seraps, twice each day; whole corn at night.

chickens, after the first few days, nor do they need artificial heat nearly so long, but they need good ventilation and must have plenty of fresh air at all times. After two days feed a damp mash consisting of three measures bran, one measure corn meal, one measure low-grade flour, one measure beef scraps, five times a day. After four weeks three times each day. After three months twice each day. They must have sand as well as feed, and this must be within their reach all the time. Keep the sand in a shallow pan and add a little water occasionally, and see how they enjoy it. That is a part of their nature, and this point is one that we must constantly think of in duck culture. Chickens like to scratch in trash, while ducks like to play in sand and water.

Remember to provide green stuff of some kind in each feed after ten days old. This not only cheapens the feed, but insures good health: We like green cut clover best in summer time. Give all feed in troughs, and fresh water several times each day. It is really surprising how much depends upon the water. It sometimes seems that a bucket of water is more essential than feed.

We find the only secret in duck raising is the attention given the first few weeks. This period is the most critical time in a duckling's life. If it be kept warm, yet have plenty of fresh air, without being chilled, all is well; but if once chilled, trouble is sure to follow. We remember of one hatch this past season when we had 307 ducklings to come off and raised 302. One of the number was killed by accident. It is really astonishing to know the number of ducklings that may be raised on a small piece of ground. They can be raised with less loss than chickens, and kept in larger flocks.

While they are hearty eaters, they are also rapid growers,

and will increase in weight about twice as fast as chickens, reaching market size in nine or ten weeks. At this age, we dress them and sell to private parties for fifty and sixty cents each. If you have no market at home, find one in a larger place. Some work, but it pays.

Their quarters must be kept clean. In every instance keep feeding troughs and water fountains clean, and see that no sour feed is left in pans. Ducklings must be sheltered from rain the first four or five weeks of their lives and in hot summer weather have access to shade.

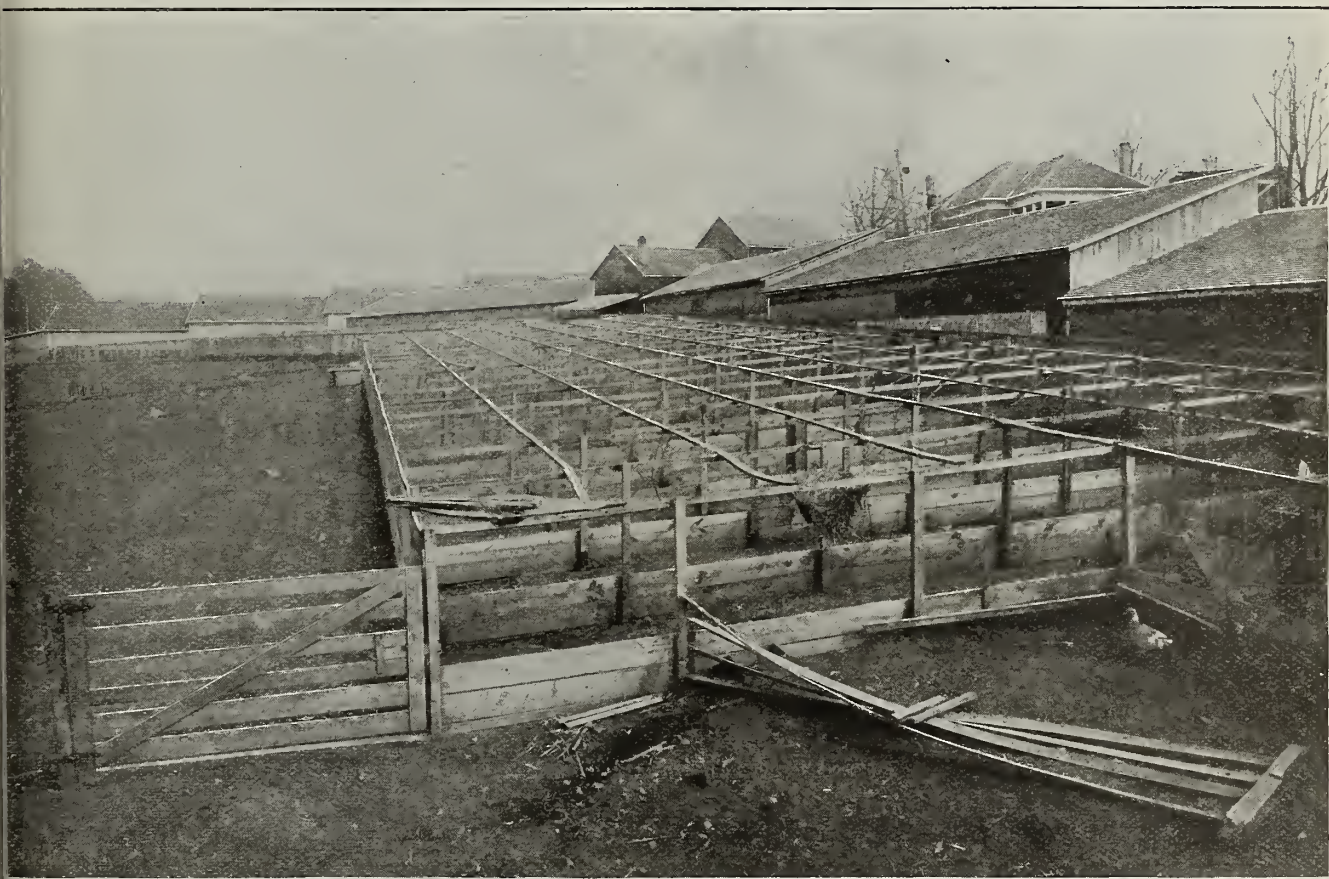
If properly cared for they will commence laying at four and one-half to five months old. This last year our first ducks were hatched March 27th. August 14th, just four and one-half months later, we gathered our first eggs. September 19th we had ducklings hatched from eggs laid by our March 27th hatched ducks. These ducklings with their parents and grandparents made quite an impression in the Southland during the Tri-State Poultry Show, which was held at

Replies to Mr. Sisson

Editor Industrious Hen, Knoxville, Tenn.

I saw an article in your valuable journal on Indian Runner ducks. Mr. W. H. Sisson, the writer, must have a fawn and white strain. I have none but I cannot see this white variety abused. Cannot it be possible to breed white ducks from fawn and white? Could not a person, by careful breeding for five years or more, by breeding to the whitest Indian Runner ducks, establish a white duck? Yes, he could. In time he could breed them black also. Look at the Rhode Island Reds; only a few years ago nearly every bird shown was a buff; look today, they are red.

Mr. Sisson speaks of white Jerseys. There could be a white Jersey, bred from a regular Jersey, in time, by careful line breeding. Look at white Collie dogs. He speaks of red Holsteins; this is a thing of the present. In Holland there are as many red and white Holsteins as Black and



Partial view of poultry houses and runs. Belmont Farm, Loring Brown, Prop., Smyrna, Ga.

Memphis, Tenn., during the first week in October, 1910. This last year we raised 1,100 of these light eaters, non-sitters and money makers.

Keep one drake for every six or eight ducks and fatten the rest for market when nine or ten weeks old. But eggs are what you should work for, and the flock should be large enough to enable you to market them by the case. They are great layers and a flock of well-bred Indian Runner ducks can safely be depended upon to average 180 to 200 eggs per year, while many individuals make a record of 240 or more. We have one duck that laid 240 eggs in one year, also a pen of four ducks that averaged 210 eggs.

We find these ducks very interesting from the time they leave the shell until they are fully matured, and after that time as well, for we are looking forward to the nice large eggs that we will find after a few month's care. We really think the Indian Runner duck is the best thing in feathers.

Why can't someone infuse a little common sense into the farmer on chicken management? Why can't they realize that a hen wants a balanced ration? That she is entitled to a few laws of hygiene. That she will pay for a little intelligent care as well as a cow?

white, and they register them, too. In this country they will not register red and white ones. The bull that sired the second world's record 2-year-old Hereford is the sire of four red and white calves this year, all coming from his side of the house. I have had three of these in my possession and now have two of them. These breeders kill them as soon as they are born, but as I am in position to see some of these things, I can prove what I say. I am going to raise one of them and breed to her, and see if I cannot get a black and white calf from her. I will say that I am sure of such a color. It simply breeds back. So do not throw stones at some one that has white Indian Runner ducks, for they may be, and probably are, as pure in blood as yours.—H. L. GREENE, Sherburn, N. Y.

The writer one year made a test, for profits, between one good family cow and fifty hens, to see which would yield the most profit. The result was, the cow's milk was worth at market rates, \$144.10, and the poultry account (which was mainly eggs sold) equalled \$150.21. It cost \$52 to feed the cow one year, and \$50 for the hens. The value of the manure of both was about equal. But the biggest item in favor of the hens was in point of labor, it requiring double the amount to attend to the cow that it did to the hens.

White Diarrhoea in the Small Chicks

By J. GAYLORD BLAIR, Carlisle, Kentucky

THIS is one of the worst diseases than can attack small chicks, and one that will soon cause great loss and and dissatisfaction to all poultry raisers if we are not on our guard at all times for it. How discouraging it is to take off a fine hatch of little chicks, which at the time they are taken from the nest or incubator seem to look healthy and good, then after a few days or possibly a week

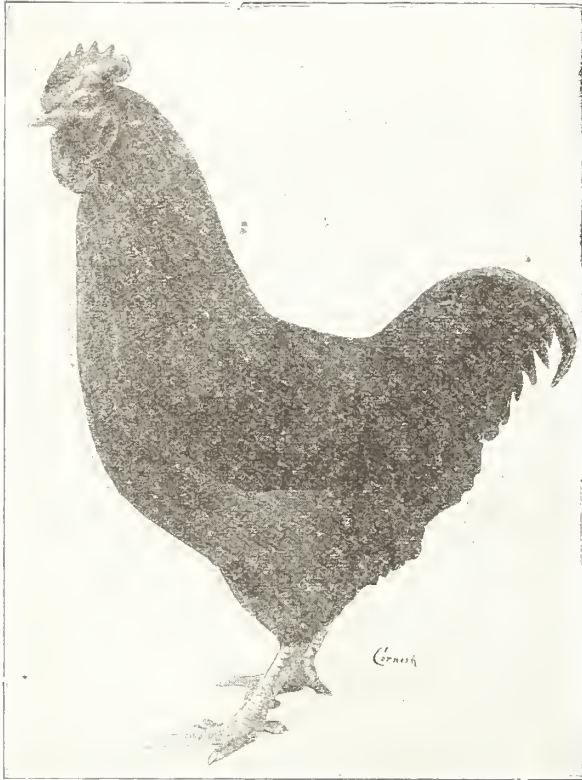
has bacteria of some kind in its system and so has every person. Work against every disease and you will soon stamp out such trouble.

If a bird shows any sign of ill health, never breed from it. This will also cause you trouble. Some cases of bowel trouble and White Diarrhoea has been caused by chilling or overheating the chicks in the brooder. Overfeeding will also cause it. Be careful and start them right, and they are hard enough to raise to maturity then. Have the brooder, brooder house, coops, etc., in shape before they come off and then give them the best of attention.

How To Raise Early Chicks

It costs trouble and extra money to raise early chicks, but they usually repay the cost with interest. The man that has had a dozen or two chicks well grown in the early spring, never regrets the trouble the wee ones cost him. There is, besides the mere pleasure of it, a very satisfactory profit in the sale of these early birds in the fall and winter for the fairs and poultry shows. My trouble has always been so unfortunate as to never have more than about half enough to sell at the good prices that early developed chicks always command.

A nest in a good, warm corner of the barn, house, or otherwise is an essential requisite toward early chick culture. Fertile eggs can only be secured by having the breeding fowls well fed and warmly housed. It is unnatural for fowls to breed before genial spring comes to warm up the earth. Then nature must be modified by food and care.



The type of Single Comb Rhode Island Reds bred by Edwin R. Cornish, Ann Arbor, Mich.

begin to die off three and four at a time. This is very discouraging to the poultryman and will make most of us feel like laying down and quitting. Ten did you ever stop to think the loss it brings about? If we could raise 95 per cent of all birds hatched, look what profit it would be to us. But this deadly disease makes its appearance and before we think what has taken place the whole flock is gone. Some think that gapes is the worst disease to attack our small chicks, but in my opinion bowel trouble or white diarrhoea is the worst of any of them.

This trouble is caused by a small germ or bacteria that gets into the little chicks' system before it hatches. It first comes from the breeding stock. It is in their systems and of course if a diseased bird lays an egg, the egg will also be contaminated with the same trouble and will likewise hatch a weak chick which will soon die.

Germs will destroy the human body, so will it destroy the body of animals and fowls. If you think your birds contain such germs or bacteria begin at once to destroy them. As the old saying goes, "Nip it in the bud," and you will find you will have more dollars at the end of the year. This trouble can be prevented if you will put forth a little effort. If you will dip your eggs before they are placed under the hen or in the incubator in a good disinfectant you will prevent it quite a lot. Take Zenoleum and use seventy parts water to one of disinfectant and dip every egg in it. Dry well and then place them in nest or in the incubator. It is also said that it can be prevented by giving the breeding birds Epsom salts in their food or water every two weeks.

After a little chick contracts this trouble, there is no use to try to treat it for you will find this plan a losing proposition. The poor little fellow will be too far gone when you discover the trouble to do it any good. I believe every bird



"MISS RED BIRD"

S. C. Rhode Island Red Pullet. Bred, owned and exhibited by Frank Langford, Route 10, Nashville, Tenn.

Good coops, half brooder they may be, must be provided for the early chicks if they are expected to grow rapidly and feather up nicely. Artificial heat may be afforded the hen and chicks by making the walls of the coop or brooder double and filling in the space between the walls with some handy non-conducting cold material.—E. G. WARDIN, Charlotte, N. C.

Sherburn, N. Y., March 1, 1911.

Mr. L. B. Audigier, Knoxville, Tenn.

Dear Sir:—I see you are a candidate for vice-president of the American Poultry Association, and I am glad that you are out for the office. I feel that a man that can conduct a paper so successfully as you have THE INDUSTRIOUS HEN is in every way worthy of the position. I have found some of the best and most practical articles in your paper it has ever been by pleasure to read. Success to you and yours,

H. L. GREENE.

The White Wyandottes in the South

By OLIVER RUTHERFORD, Eutaw, Alabama

THE greatest odds pure-bred poultry has to contend with in the South is the a "chicken is a chicken." However, for a chicken "that is a better chicken" the people are beginning to find out that the White Wyandottes are the best for the South and I say this after eight years spent with pure-bred chickens. The conditions are such that a chicken must be a good one to "make good" here.

Our weather conditions here are somewhat peculiar with sudden and decided changes either from hot to cold or vice

the South, for there are. But we have no aggressive specialist, who has his heart and mind in the business. However, the time is not far distant when the White Wyandotte will be the most sought after breed in this section simply on its merits too, for they have quality combined with their commercial value.

Packing Eggs For Hatching

As a rule eggs for hatching are almost uniformly well packed, so far as mere transportation goes. Novices may make the mistake of packing too loosely. Eggs are shipped in much better shape than the live birds; but, so far as attractiveness of package, and consequent effect upon the buyer is concerned, there is still plenty of room for improvement.

Grape baskets, excelsior and eggs, if all are fresh and clean, make a complete combination. Splint baskets are a little more attractive, and sometimes more convenient as to form, but being lighter, require a little more packing material. Newspaper is effectual as a springy packing material, but is apt to spoil the effect that might so easily be added to one's chances of pleasing the customer providing dainty tissue or clean white paper is used instead.

A very large advertiser sends eggs in safety carriers, covers screwed on, packages, scrupulously fresh, and eggs snow white, well shelled, excelsior packed. The effect is good and shows that the business is done on business principles.

A young man just starting into the fancy eggs business has the right idea. He runs a modest little classified advertisement in just one paper. He has business acumen, and applies business methods to his stock. He has had a neat little stamp made, from which every egg receives the dainty impression. He means business, and already has more orders than he can fill, though he has quite a number of birds. Yet he is a business man, and has only spare hours to give to his birds.

To those whom time is the most precious thing they have, the patent egg boxes are a very great boon to poultrymen. Compartment boxes, to be used in connection with a cheap handled basket can be purchased at a very low figure. Others are designed to carry safely without being packed in baskets. Some of these are of wood, with wire springs to hold each egg in place; others with wooden cases have shaped pasteboard egg pockets. Corrugated paper as a jar and mar saver has been coming into acceptable use everywhere, and has not been adapted to egg boxes. All these save time, strength and care. Anyone who sells a good grade of eggs for hatching can afford the additional cost of these packages. The most expensive are not very costly, while many single sitting boxes are as low as twelve or fifteen cents apiece when bought in dozen lots.

If these boxes are tagged with a return label bearing the shipper's name they can be returned and used again and again. Such devices are rapidly coming into use by every poultrymen in the land.—ARTHUR G. SYMONDS, in *Successful Farming*.

A Roup Preventative

Venetian red is an article prescribed as both a preventative of and a remedy for roup. But there seems to be a misunderstanding of the nature of Venetian red, through confounding it with oxide of iron red. Venetian red was named from its extensive use by the Venetians; it is sometimes called light red. This is yellow ochre calcined, which makes a fine light red. Henry Hale says numerous other reds are now mined in numberless places, and are often sold for Venetian red, and often used, even by painters, who do not know the difference. Venetian red proper contains little, if any, iron, probably a very small proportion, while the other mentioned reds are more or less composed of oxide or (more correctly) peroxide of iron; some contain over 70 per cent of iron, and are known to the trade as oxide of iron paints. This is the article that has the tonic property, and is what should be given the fowls.—M. K. BOYER, Hamonton, N. J.

A mixed flock of fowls is a delusion and a snare. Keep the breeds distinct.



Partridge Rock Hen. Owned by Hillcrest Farm, Oakford, Pa.

versa. I have seen the White Wyandotte go through these sudden changes without missing an egg even when the thermometer has dropped from 70 to 75 to below freezing in twelve hours.

Then too, the summers are so long and hot that it saps the vitality of all the larger breeds and puts an end to their laying long before the hot weather is gone. The White Wyandottes have proven themselves "the bird of opportunity" in the South. They are a happy medium. The intense long drawn out heated summers do not "get next to them" nor does the sudden cold spell of our winters check their laying.

They have proven, too, to be the most healthy and robust chicken from the time of hatching till grown. Sore head, which probably kills more chickens in the South than any other one disease, is not fatal with them even with the most ordinary care. They will stand the disease and recover entirely with a little care in feeding and one or two applications of medicine to the affected spots.

They grow off before other breeds have gotten a good start, and it is not uncommon for the pullets to begin laying before five months of age and any of them will lay before six months of age.

In sections where the people are finding that pure bred poultry pays, you will find the White Wyandotte; and when once tried, they have a friend forever, for they have always proven themselves the ideal egg and meat fowl. And here where there is no strictly egg farms all breeders are wanting a chicken which will lay lots of eggs and still when dressed be "worth while."

While the White Wyandotte has no Fishel or Duston in the South to advertise it, it is slowly, but surely, making its way to the top of the ladder, solely on its merit. Had we such a fancier, one who would breed the very best and show them there is not a breed that would compare with them in number or quality.

I do not mean that there are no fine chickens now in



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Vol. 7

MARCH, 1911

No. 10

How To Keep the Comb Brightened

A SUCCESSFUL poultryman says that he keeps the combs of his poultry brightened by putting corn in a bucket and dampening with water, and then stirring in about a quart of powdered air-slaked lime. He feeds this twice a week, as an evening meal.

Good Roads Benefit Poultrymen

THE poultry industry is affected by condition of the country roads. With good, well-made roads, with easy grades and a solid surface, passable in all conditions of weather, the poultry raiser can get his products to market quicker, in larger amounts and return home within a few hours. Long, wearisome drives over bad roads, with steep hills, makes the cost of marketing products of the poultry farm much higher than over good roads. Consequently, good roads make the raising of poultry more profitable. The poultry raiser should work for good roads everywhere. Always remember that the cost of hauling must be added to, or taken from, the price of the commodity, either eggs or poultry. Are you for good roads?

A Weekly Poultry Journal

THE Atlanta Georgian, so elated over the success of the great poultry show held under its auspices last winter, has agreed to hold it again this year and has begun already, to show its faith in the future of the poultry industry by launching a regular weekly poultry supplement to its daily. This Poultry Section will be equal the value of many of the monthly poultry journals, and we would like for everyone of our readers to send for a free sample copy and see what a great daily newspaper thinks of the poultry industry in the South. It will have a regular corps of editors for its various departments, illustrated, and will be up-to-date in every respect. Mr. H. F. Reils, recently of the *Fancier*, will be the editor-in-chief, while Mr. S. W. Bacon, Jr., who is largely responsible for the launching of this new idea will be the business manager.

The Appalachian Exposition Poultry Show

THE Second Annual Appalachian Exposition will be held in the city of Knoxville, September 12 to 30, 1911. Col. L. D. Tyson has accepted the presidency and Col. Sandford H. Cohen, who was largely instrumental in making its great success last year is again at the head, as the assistant to the president. The Exposition this year will be larger and better than last, and many new and attractive features will be presented. Mr. Jno. A. Jones has again been asked to take charge of the agricultural Section, and with his ability and experience of last year, he will no doubt eclipse all former efforts at an agricultural exhibit in Tennessee. L. B. Audigier, managing editor of THE INDUSTRIOUS HEN, is also a director this year and has again been appointed head of the poultry section. The great interest before manifested from all over the country concerning the poultry show and the wonderful success attained will be not only equaled, but excelled. Already letters of inquiry are coming in and the good work has begun. With the magnificent poultry building—in fact the best in the South—and the thousands of dollars in cash premiums, silver cups and specials, a great show will be held. Judges, such as heretofore, whose reputations are above reproach, will be selected and everything will be done on the same open, broad, liberal plane as heretofore. We expect the exhibits to be much larger, of greater variety, and of more general interest as a whole. Poultrymen, begin now to hatch Exposition chicks. Have some fine young pullets to show and lead in your breed. Competition will be sharp, so begin early to prepare for this great contest.

Prospects of Pure-Bred Poultry in Florida

A RECENT trip to Florida, where all is sunshine and flowers, put us in touch with some of the poultry interests of that great and growing State. With an ideal climate for out-door life, poultry can be raised almost entirely in the open. The only protection it needs is from drafts, rain, and sun in the summer time. The Duval County Poultry Association has recently been organized and its members are quite enthusiastic over the prospects of pure-bred poultry being raised in Florida. This association has undertaken the supervision of a Boy's Poultry Club of the Y. M. C. A. of Jacksonville, under the personal direction of Prof. I. C. Baldwin, educational director of the Y. M. C. A. A Poultry Contest Club has been organized, and each boy will be required to raise from 5 to 50 chickens and his work will be inspected at frequent intervals by a grading committee from the Duval County Poultry Association. This is starting in the poultry business in a scientific and common-sense manner, and if the young men who have entered this contest will devote only their spare time and good judgment to its interests the result can only be successful. We will be glad to publish reports of the results of this contest from time to time. This is one of the educational features that cannot be over-estimated, and in the training of these young minds we hope to see them study the best of the many practical poultry journals that are published, and gain knowledge not only from their own personal experience, but from the experience of others. We expect a poultry show to be held in Jacksonville next winter that will open the eyes of the thousands of tourists assembled there, as well as the natives, who do not yet realize the possibilities that lie in wait for them.

The Poultry Appropriation

THE Tennessee Branch of the American Poultry Association, through its officers and legislative committee and poultry associations in the State, are doing effective work towards getting an appropriation from the legislature for the purpose of establishing and maintaining chairs of poultry husbandry in the three great divisions of the State. For more than two years THE INDUSTRIOUS HEN has been quietly and effectually working on this appropriation, and we have received hundreds of letters and many words of encouragement concerning the necessity of an appropriation for the purpose of helping the poultry raisers of the State of Tennessee to receive the best results from their labor and investments.

The Tennessee Poultry Association, The East Tennessee Poultry Association, The Tri-State Poultry Association, and every other poultry association in the State is vitally interested in this great educational movement and all are sending

out petitions and thousands of letters urging the passage of the poultry bill.

The object of this bill, briefly stated, is to authorize the appointment, by the governor, of a State Poultry Board, two from each of the three grand divisions of the State, supplemented by the governor, the Commissioner of Agriculture, and the director of the Agricultural Experiment Station. This board will be authorized to establish and maintain a poultry experiment station at the three experiment stations of the State, and to determine and demonstrate the importance of improved and better methods of feeding, housing, incubating, brooding, breeding and the rearing and marketing of thoroughbred poultry.

The further objects and purposes will be to experiment with the different kinds of houses, incubators, brooders and appliances, and the different varieties of poultry, to determine which are the best adapted to the farmers and poultry rais-

ers, and to make a study of the different diseases to which poultry is subject and the remedies to prevent such diseases, and to make such other tests and experiments which shall tend to promote the best interests of poultry culture.

It shall be the further objects and purposes of this board to assist in organizing poultry associations in every county in the State, to render financial aid in holding shows, to hold poultry institutes and to provide illustrated lectures. To gather and publish poultry statistics and otherwise assist in disseminating knowledge and information to the public. The above is only a brief outline of the bill that has been drawn and will be presented for passage within the next few weeks, and we urge every reader of this journal, if he has not done so already, to write his representative in the legislature at once to support the poultry appropriation bill. It will mean more to the poultrymen of Tennessee than any movement that has ever been presented to them for consideration.

American Poultry Association Nominations

Just as our last forms were going to press we received the result of nominations for the election, as follows:

Statement showing the five candidates for each office, receiving the highest number of votes; and the number of votes cast for each nominee for all offices of the association.

FOR PRESIDENT.

Reese V. Hicks	262 votes
Chas. M. Bryant	21 votes
L. H. Baldwin	68 votes
C. H. Rhodes	10 votes
Chas. D. Cleveland	8 votes

FOR FIRST VICE-PRESIDENT.

L. B. Audigier	9 votes
L. H. Baldwin	224 votes
T. F. McGrew	11 votes
C. K. Graham	18 votes
S. J. Hopper	11 votes

FOR SECOND VICE-PRESIDENT.

L. B. Audigier	210 votes
George S. Barnes	6 votes
Charles D. Cleveland	5 votes
C. K. Graham	24 votes
S. J. Hopper	115 votes

FOR SECRETARY.

S. T. Campbell	433 votes
Frank Heck	1 vote
W. C. Pierce	1 vote
W. S. Russell	4 votes
George W. Veditz	2 votes

FOR EXECUTIVE BOARD.

George S. Barnes	127 votes
Henry Berrar	36 votes
Charles M. Bryant	210 votes
L. B. Audigier	23 votes
H. H. Collier	140 votes
Earl Hemenway	50 votes
S. J. Hopper	51 votes
Reese V. Hicks	28 votes
Harry M. Lamont	30 votes
T. F. McGrew	162 votes
D. M. Owen	23 votes
A. A. Peters	18 votes
W. P. Smalley	29 votes
P. S. Sprague	11 votes
James Tucker	16 votes

FOR PLACE OF 36TH ANNUAL MEETING.

Boston	188 votes
Buffalo	11 votes
Denver	201 votes
St. Louis	11 votes
Toledo	73 votes

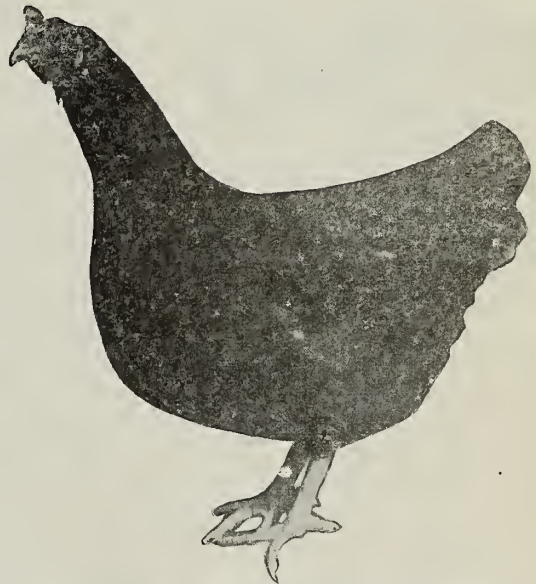
FOR TIME OF ANNUAL MEETING.

August	89 votes
First week in August	33 votes
Second week in August	163 votes
Third week in August	30 votes
September	11 votes

Ballots for the election will be sent to the membership in a short time, and from the above nominations it will not

be a hard matter to select officials who will keep the organization on gaining ground.

Little or no public interest seems to have been taken in the selection of men to fill these important positions, except in a few instances, and that interest manifested itself in personalities rather than fitness for the office. The membership has been increasing rapidly during the past few months, owing primarily to the indomitable perseverance and good common sense exercised by Secretary Campbell. It is to be regretted that so few members exercise the privilege of



S. C. Rhode Island Red Pullet. Score 94¼ by Parrish.
Bred, owned and exhibited by W. F.
Kilman, Bald Knob, Ark.

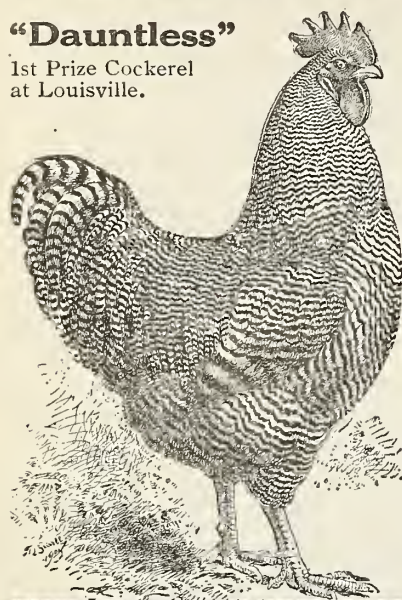
making a choice in nominations. Is it indifference or a lack of information as to who is available? Out of a membership of about 3,000, less than 500 are recorded as voting. A large, promiscuous membership, rapidly accumulated, is seldom as conservative as a body gathered together with deliberation and restrictions. It is indeed unfortunate that so much white paper that could be used to a very much greater advantage in a poultry journal should be smeared with ink hurling invectives at a man like Reese V. Hicks, whose only ambition in being president of the American Poultry Association, is to advance the cause of scientific and practical poultry culture in the United States. Hicks is a clean man, and one who has gone out West from the South to make an honest living, and has doubtless incurred the displeasure of a "broncho-buster" because he could not be corralled as a "tenderfoot."

To keep lice and mites away from setting hens, paint the inside of the nest boxes with crude carbolic acid. This has been tried and proved very effective.

Barred Plymouth Rocks

"Dauntless"

1st Prize Cockerel
at Louisville.



POPE STRAIN

Winners at Louisville, Frankfort, Owensboro and Kentucky State Fair. 1st Cockerel, 1st Hen, 1st Pen, 2nd Pullet, 3rd Cock, 3rd Hen, 4th Cock, 4th Hen, 4th Cockerel, 4th Pullet, **Cash Prize for best Pen, Louisville Poultry Show, Jan. 19, 1911.** 1st Pullet, 2nd Pullet, 2nd Hen, 2nd Cock, 3rd Cockerel, **Cash Prize for Best Barred Plymouth Rocks, Kentucky State Fair, Sept. 12, 1910.** 1st Cock, 1st Cockerel, 1st Pullet, **Frankfort, Sept., 1909.** 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, **cash prize for best Barred Plymouth Rocks, Kentucky State Fair, Sept., 1909.** 1st Pullet, 1st Hen, 2nd Hen, 3rd Cock, 3rd Cockerel, 4th Cockerel, 4th Hen, 4th Pullet, **special for best shaped female, silver cup for best Barred Plymouth Rocks, Louisville, Poultry Show, Dec., 1909.** All firsts Owensboro, Oct., 1909. Investigate our other winnings and our fine Big Rocks.

Twenty Mated Pens for 1911

No Utility Matings

You don't have to pay two prices for our large, vigorous Rocks. We give more value for your money than any breeders in America. Our twenty mated pens contain all prize winners of the shows at which we have exhibited. They have been mated up carefully, and we supply eggs from cockerel or pullet bred pens, as desired. Each winning male heads one pen. Twenty years of successful line of breeding, on admittedly the greatest Barred Rock farm in the country enables us to supply "quality" in eggs no small breeder can possibly do. Get our catalog—get others—see the difference. Write us before placing order. Send for Catalog No. 7 and mating list of our twenty mated pens.

EGGS

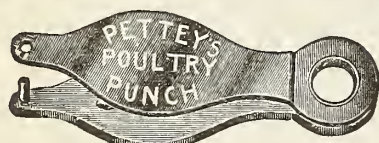
\$2.00 per 15
\$3.75 per 30
\$5.00 per 50
\$9.00 per 100

Prize Matings
\$3.00 per 15

POPE & POPE

Established 1891

Box H, Louisville, Ky.



All steel, nickel plated; punches clean, hole is right size; will not bruise the foot. Price 25c at your dealers, or from
J. O. PETTY, Box 155, Belvidere, Illinois.

BANTAMS BUFF COCHIN and GOLDEN SEABRIGHT
93 ribbons on 98 entries for 1909 and 1910 at Nashville, Memphis, Birmingham, St. Louis and Kansas City. Eggs—\$2.00 per 15.
LEWIS CULPS, Pulaski, Tenn.

EGGS

\$3.00 Per 15

FREE circulars on Matings and Show Record. 500 regular and special premiums, including many silver cups, in six years is my record on

Brown Leghorns

E. E. CARTER
KNOXVILLE, TENN.

Dept. I. H. 967 BROADWAY

Rearing Ducks

The Pekin is the duck most generally reared as its all around good qualities recommend it to breeders. Its immunity from disease, overfeeding and dampness being almost the only things that induce disease, and these are easily avoided; the length of time required to bring it to marketable age and its ability to live and thrive with only water enough to drink, all these conditions place the Pekin in first rank.

Many persons suppose that the duck, being classed among water fowls that dampness is a natural condition and will leave no bad effects; but we have found by experience that the dryer the duck pens are kept the better they thrive.

The Pekin is a non-sitter and we use hens for incubation. Eleven eggs are all that a good sized hen can cover well. About twenty-seven days are allowed for incubation. The ducklings generally appear at the same time, and should not be disturbed until dry and strong enough to stand alone. Then they should be placed in a clean comfortable coop with a run attached. After twenty-four hours they may be fed table scraps mixed with a little sand, and water should be provided in a trough with a slatted cover. We always feed ducks at regular hours; the intervals being four hours. When a week old they are allowed to range a while and then they will balance their own rations more satisfactory than can be furnished. Their food was cornmeal and wheat bran moistened with water or milk and some sand added. They were never allowed to get wet until the down was replaced by feathers and never allowed in a hard rain until full grown.

Duck houses should be vermin proof, rats will destroy ducklings when of good size if they gain entrance to their quarters. Poultry netting of one inch mesh is best. Fresh water must be given at same time as the solid food

SINGLE COMB

BLACK MINORCAS

Northup Strain. The winning and laying kind. Eggs, 15 for \$1.00, and 100 for \$6.00.

B. C. ROUTH Randleman, N. C.

S. C. BUFF LEGHORNS

Eggs, layers, breeders, winners

P. M. BROWN : : Paducah, Ky.

Fawn and White Indian Runner Ducks

Winners Indiana State Fair, 1910. Eggs, \$2 and \$1 per 12. White Rocks, R. C. Rhode Island Reds, S. C. Buff Orpingtons. Best matings. Eggs—15 for \$1. **MRS. FRANK YATES, Lebanon, Ind.**

BROWN LEGHORNS

SINGLE COMB

See previous issue for winnings at Baltimore, Richmond, Abingdon and Bristol. Winnings at Roanoke—First and second cockerel; first and second hen; first, second, third and fifth pullet, and first pen.

Eggs only \$2.00 per 15.

H. C. ADAMS, Lynchburg, Va.

WHITE ORPINGTONS



Winner at Kansas City, the largest W. O. show ever held in America.

Winners at Kansas City, Memphis, Birmingham, Jackson, Pine Bluff and other large shows. 20 acre farm, complete in every detail, devoted to perfecting this one variety. You can profit by the hundreds of dollars we have expended improving our strain, at prices no higher than the small breeder asks. Write your wants. Eggs and Baby Chicks.

STREET & BISHOP
R.F.D. Box 113, COLUMBUS, MISS.

BE STILL, LOOK AND LISTEN!

Eggs and stock from Mrs. M. O. Calaway's **WHITE PLYMOUTH ROCKS** that won the \$25.00 silver cup for the highest scoring pen in the show at the Alabama State Fair, Oct., 1910. Eggs from these birds, \$5 per 15; 2d pen, \$3 per 15. Write for price list for stock.

MRS. M. O. CALAWAY Eden, Alabama

as it is a duck's nature to drink several times while eating, a few pebbles and some coarse sand should be placed in the drinking trough and the water should reach the eyes. A duck grows rapidly much more so than any other fowl except the goose; so the amount of food should be increased each week. When two or three weeks old they do not require the services of the hen mother.

We consider duck raising very profitable and recommend it to farmers' wives who do not have the time nor strength to give to turkey rearing, the time being short before ready for marketing.—Mrs. A. C. McPHERSON in Successful Farming.

To Complete Bound Volume

Industrious Hen Co., Knoxville, Tenn.
Gentlemen:—I would very much appreciate the January number if you will forward it to me, for I am anxious to get every number in order to complete a bound volume. I think more of THE INDUSTRIOUS HEN than the three papers I am receiving now. On account of its wide range of news in regard to poultry, and its big circulation and advertising, one could get along with THE HEN if no other journal of like character were printed. Respectfully yours, J. J. LAWSON, St. Elmo, Tenn.

Good Foundation Stock

The foundation stock of the Galesburg Fancy Poultry Plant, 82 North Henderson St., Galesburg, Ill., who breed S. C. White Leghorns of the "they're white, bright and a pretty sight" kind, was secured from Wyckoff's Chicago winners, and the D. W. Young strain, acknowledged the world over to be the greatest laying and exhibition strain in the country. If you are interested in White Leghorns, write them.

Hatched Twins in Missouri

St. Louis county hens are working overtime. One belonging to John T. Appler, of Clayton, is the proud mother of twins. She is a ten-months-old Light Brahma pullet, and February 2 she laid an egg measuring eight and a half inches end-to-end circumference and six and a half inches side circumference. A week later she laid another only a trifle smaller. Appler says these are the largest eggs of 1911 record. Another of his hens laid an egg which can almost be put through a finger ring. Its largest circumference is three inches.

But to get back to the big egg: It was put under a setting hen February 8,



Save Your Chicks

Little chicks thrive on Pratt's Poultry Regulator from the time they leave the shell, and grow up quickly into egg producers that pay you handsomely for your care. The little peeper's first meal should contain

Pratt's Poultry Regulator

It helps digestion and protects them from diarrhea and other diseases. Use it every day the year round for all your birds. It is the one sure money-maker. Give it a hard test, on all or part of your flock, and see the difference. It is

Guaranteed or Money Back

Guaranteed to decrease mortality in little chicks—to bring them quickly to maturity and start them laying. If these results are not self-evident, your dealer will refund the full price. Another valuable help to poultry success is Pratt's Powdered Lice Killer—a sure destroyer of vermin of all kinds. It will save you many chicks. Spray your chicken houses with Pratt's Liquid Lice Killer.

Don't risk going through another season without Pratt's Poultry Regulator—the greatest help to Poultrymen. Your dealer has it. \$2.50 for 25 lbs. Also smaller sizes and in 100 lb. bags.

Pratt's Head Lice Ointment will save your chicks

Send for POULTRY WRINKLES—It is our latest free book.

PRATT FOOD CO.,

Dept. 17

Philadelphia, Pa.

S. C. White Leghorn Eggs Only

Satisfaction guaranteed or your money will be refunded. Birds scored by Savage from 93 to 94. MET L. WILBOURNE, Pine Bluff, Ark.

Houdan and R.C.R.I. Red

Eggs, \$1.50 per setting of 15. Satisfaction guaranteed. F. R. VALE, R. 2, Dyesville, Ohio, Member Crested Fowl Breeders Association of America.

ORPINGTON MAGAZINE

Get this magazine before you start with Orpingtons. Sample copy free.

MILTON BROWN, Sta. L., Cincinnati, O.

PARKER'S REDS EGGS FOR SALE.

Pen No. 1: headed by 1st cockerel at Lexington, \$4 per 15. Pen 2, \$2 per 15. Rose Comb, \$2 per 15. Farm range, \$1 per 15. Write for circular. B. D. PARKER : Sanders, Kentucky

CRYSTAL WHITE ORPINGTONS

Kellerstrass Strain. Limited number utility cocks and cockerels \$5.00; pullets, \$3.00. Eggs from blue ribbon winners, fall 1910, at \$5.00 for 15. Considering quality, prices named are reasonable. C. F. MORGAN, Ripley, Miss.

75c Pays for one year's subscription to The Industrious Hen and a copy of "Hen and Chicks," or How to Make Money Raising Poultry, a 300-page illustrated book on poultry.

STORRIE'S BUFF ROCKS

Can furnish show and egg record. Eggs for hatching a specialty. Write me. JOHN STORRIE, North Lawrence, Ohio

POULTRY ONE FULL BAILE

150 Feet Long for 75c Galvanized Poultry Netting WRITE FOR CIRCULARS. NETTING MESH DOW WIRE & IRON WORKS, Louisville, Ky.

HEADQUARTERS FOR POULTRYMEN Hotel Imperial

Knoxville's Most Modern and Up-to-date Hotel

LONG DISTANCE PHONES IN EVERY ROOM

Rates: \$2.50 and up Rooms with Bath, \$3.50 and \$4.00 Per Day

AMERICAN PLAN

S. C. Black and White MINORCAS

EGGS REASONABLY PRICED AT \$3.00 PER 15, \$5.00 PER 30.

My birds have "Quality" stamped all over them. My winnings at the Tennessee State Fair, Appalachian Exposition and Lebanon, where I won more blue ribbons than all competitors combined, amply demonstrate this fact. Cockerels and pullets for sale. If you want the best, write MRS. JNO. M. GRISSIM, Proprietor,

DRY BRANCH POULTRY FARM, Route 2, Lebanon, Tennessee



Sternberg's Barred Rocks

THREE "E" STRAIN

ARE BRED FOR

**START
EARLY**

**EGG PRODUCTION
EARLY MATURITY
EXHIBITION**

**"The Early
Bird Catches
the Worm"**

They win at the Shows, but we do not sacrifice their Egg-laying and Early-maturing qualities in order to produce Exhibition specimens. Our birds are line-bred and closely culled. **EGGS—\$1.50 to \$5.00 per 15. STOCK FOR SALE.**

MAYFLOWER POULTRY YARDS

H. L. STERNBERG, Prop. P. O. Box 34, PINE BLUFF, ARK.

Would You Give 50c For a Five Dollar Bill?

Send us 50c in stamps and we will forward by return mail, prepaid, a 300-page illustrated book entitled *"Hen and Chicks, or How to Make Money Raising Poultry,"* that is worth \$5 to any man in the poultry business. It gives facts and figures. No use experimenting all the time. Profit by the other fellow's mistakes. Money returned if not pleased.

Valuable to Every Poultryman

Send 75c and THE INDUSTRIOUS HEN, the leading poultry journal of the South, will be sent for one year with the book.

ADDRESS—

The Industrious Hen, Knoxville, Tenn.

WRITE FOR MATING LIST

MONDAY'S REDS

"Good for Every Day in the Week"

I refused \$50.00 for my first prize cock at Knoxville Great Poultry Show, Jan. 1910. I wish you could see my 1910 flock of "Real Reds," over 500—strong, vigorous, farm raised—the sight is enough to give anyone the Red fever.

EGGS—\$2.00, \$3.00 and \$5.00 sitting.
Cocks, cockerels—\$3.00 to \$5.00 each.
Hens and pullets—\$2.00 to \$3.00 each.

WILL MONDAY
Route 10 KNOXVILLE, TENN.

500 S. C. R. I. REDS FOR SALE

and February 26 was transferred to another hen, to keep the hatching separate. The twins were hatched March 7. One of the twins is like its father, a bare-legged Silver Wyandotte rooster. The other "takes after" its mother and wears a feather harem skirt, just like hers.—*Associated Press.*

Why the Poultry Suffered

"So you are raising chickens?" said the city friend.

"Yes," answered Mr. Crosslots.

"What do you find the greatest menace to the welfare of poultry?"

"Sunday company."—*Suburban Life.*

A Few Points on Raising Geese

A few points I have learned in several years of experience with geese may have value to some beginner. I raised the large gray Toulouse or Land geese, which, however, are very fond of water, although they always come to their nests to lay.

One should not depend on buying eggs to start with, but get the birds in the Autumn and obtain fowls one or two years old if possible, as their eggs are most apt to be fertile and the young ones stronger. They usually begin to lay in early March and sometimes in February.

Be careful that the eggs do not get chilled, and set them as soon as possible after they are laid—five eggs to a medium sized hen and seven to a large one, chicken hens being much easier managed than the goose. The fourth and last week the eggs should be sprinkled with warm water once a day and watched while hatching, as the goslings sometimes need helping. When taken from the nest they should be put in rat-proof coops, for rats are as fond

QUALITY REDS

SINGLE COMB

Silver Cup Winners New York State Show

Choice eggs from special mating, \$25 per 15. Five other grand matings, \$3 to \$15 per 15 eggs. Utility, \$6 per 100 eggs. Send for mating list.

W. M. WILLETS, Sherburne, N. Y.

Dollar Makers For You



SMITH SEALED



LEADER
ADJUSTABLE



Our new catalog shows you how to make and save money in many ways.

LEG BANDS

Smith Sealed. Used by America's leading fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid. Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25. Samples free. Our book tells why to use them and how to use them.

DAVIS FOUNTAIN

provides chicks and poultry with fresh, clean water at all times. Hung up off the ground, so chicks cannot get wet or chilled; can be used with any ordinary bottle or can which you have, for water, grain, grit, or oyster shells. Prices: Regular size, 25c; broader size, 20c each, or \$2.70 and \$2.25 per doz. Postage extra.

KLEAN DRINK FOUNT

is for the same purpose as Davis Fountain but holds Mason Jar only. Made in sizes for pint Mason jar, 15c each, \$1.50 per doz.—quart, 20c each, \$2 per doz.—two quart, 25c each, \$2.50 per doz. Postage extra. Our leg bands and fountains cost so little and save you so much that you lose money till you get them. Write postal now for our CATALOG—FREE—shows many handy things for poultrymen. We will also send samples of leg bands.

KEYES-DAVIS CO., Ltd.

Dept. 520,
Battle Creek, Mich., U. S. A.

GEE! LOOK AT THESE PRICES

500 Letterheads, 8 1/2 x 11..... \$1.50
500 Noteheads, 6x9..... 1.00
500 Envelopes, size 6 1/2..... 1.00
500 Business Cards..... 1.00
500 Shipping Tags..... 1.00
500 Egg Labels..... 1.00

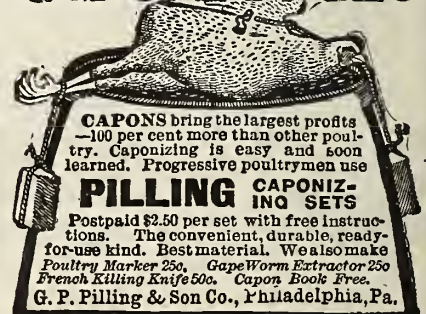
Cuts furnished free. Good material. Cash to accompany the order. I do not pay express charges at the above prices. In larger quantities matter of correspondence. D. M. DUNCAN, Printer for Poultrymen, Brandenburg, Ky.

ROUEN DUCKS

Good layers of fine white eggs and possess the best qualities to be found in a general market fowl. Our Ducks are farm raised and are very fine specimens and should produce fine youngsters. Eggs, \$1.50 per setting.

MRS. X. S. SAYRE, R. 9, Lexington, Ky.

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use **PILLING CAPONIZING SETS**

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c, Gape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free. G. P. Pilling & Son Co., Philadelphia, Pa.

of young goslings as "niggers are of possum."

Goslings will eat grass almost as soon as hatched, and live and thrive on that alone, but it is better to give them a little corn meal which must be salted a little or the goslings will die. They must be sheltered from the rain until their backs are well feathered for they drown easily before that.

Onion tops cut fine, mixed in the meal and let stand from one meal to another are a preventive of gapes and should be fed every day, in wet weather especially.

They grow much faster during spring than summer and do best by themselves in a shady, grassy yard. The little ones do not care much for the hen mother, who soon becomes disgusted with her unappreciative family and leaves it. When full grown they should be picked every six weeks. The feathers bring seventy-five cents a pound, and higher in some markets.—MISS M. E. BLAIR, in *Successful Farming*.

If you have constructed any small coops of a uniform size, and have not painted them, do so, and see how attractive they look on a lawn or in the back yard. One party who had six coops made out of old lumber, painted them, and the change in the appearance was remarkable. These things do not seem to count with some, and they become accustomed to the unpainted coops, but the visitor will notice how things are at once. If he sees nicely painted, orderly houses he will have the impression that the owner has pride in his birds and in his houses.



EADY'S Single Comb

Rhode Island REDS

Winners again at Big Alabama State Fair. We won 1st, 2d and 5th cock; 2d cockerel, 2d and 5th hen, 1st and 5th pen, cup for best cock. We have won 1st pen at the Alabama State Fair, Birmingham, for three years in succession in a hot class, and mixed the other winnings up well. We have won 63 ribbons in the last three years. Among these winnings there were 17 blue ribbons. We still have some utility and show stock for sale. Get our prices before you buy. Pens were mated January 1st, and eggs now for sale from \$2.00 to \$5.00 per setting of 15.

We are breeders of pedigreed **Scotch Collie Dogs**. If you need a Collie, write for prices. Young and matured stock for sale at any season of the year.

C. W. EADY Guntersville, Ala.

White Wyandottes Only

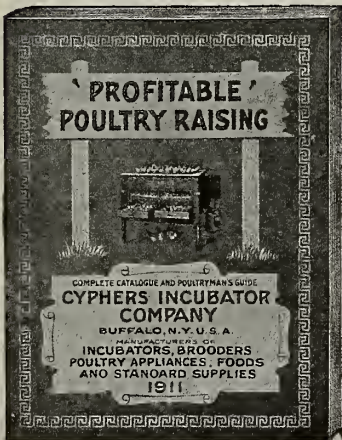
Raised on an 80-acre farm, vigorous and healthy. **Prize Winners in Three States.** Stock all sold. Am booking egg orders from Blue Ribbon pen in which every hen is a prize winner, \$3.00 per 15; other pens, \$5.00 per 100. Shipments to begin Feb. 15. Satisfaction guaranteed.

L. E. WHITSITT : : Route 2, Austin, Ind.

AUSTIN PAYS THE EXPRESS

Eggs for hatching from my best pens of Range-Raised S. C. R. I. Reds \$3 per setting of 15; \$5 for two settings of 30 if both settings are ordered at the same time. I prepay the express to your nearest railroad station. My Reds are better this year than ever before. Try a setting or two. I breed the finest M. B. Turkeys, but will have no eggs for sale this season. J. A. AUSTIN, Reagan, Tenn.

Let Us Send You Our Big Free Book About a Billion Dollar Poultry Industry



Free postpaid to any address if you mention this paper.

WE want to send you *free and postpaid*, the Cyphers Company's great 1911 Year Book—just off the press—more complete than ever. Write for it *now*. It tells about America's Billion Dollar Industry and about *Successful Poultry Raising*.

Helpful, *profitable, inspiring!* Written for the earnest, thinking men and women who *believe* in themselves and in the poultry business. Send for it *today*. 212 pages of interesting facts, practical hints, money-making suggestions; illustrated with pictures from photographs showing hatches actually made, and fowls raised by Cyphers Company methods, famous poultry plants, prize-winning birds, etc. But *get the Book!* It tells all about

Cyphers Incubators and Brooders

and proves the real economy of using a *genuine* substantial incubator that insures *continuously* good hatches—not imitation, "bargain" affairs that hatch poorly, if at all, and soon go to pieces.

Begin *right!* This big catalog and poultryman's guide, tells, too, about our line of nearly 100 Standard Poultry Specialties, *everything* you need for *genuine success*.

Send for the name of our nearest dealer-agent. A postal or the coupon below will bring you our BIG FREE 1911 catalog and Poultryman's Guide. Address nearest office:

Cyphers Incubator Company., Dept., 13, Buffalo, N. Y.
23 Barclay St., New York City, N. Y. 340-344 N. Clark St., Chicago, Ill. 12-14 Canal St., Boston, Mass.
2325 Broadway, Kansas City, Mo. (2000 Selling Agents) 1569 Broadway, Oakland, Cal.

FREE BOOK COUPON
Now, While You Think About It—Fill this out and mail to the
Cyphers Incubator Company, Dept. 13, Buffalo, N. Y.
I am thinking of buying a size incubator (or) size brooder.
Anyhow, I will be glad to receive your big free book—without obligation.
My name is
My address is

WALKER'S
Barred Rocks
 STOCK FOR SALE
 Eggs, \$2.00 for 15.
 WALKER BROS., R. 1, Madisonville, Tenn.

LaFollett's Weekly MAGAZINE
 and **The Industrious Hen**, both one year,
 and a copy of "Hen and Chicks" for
 \$1.25. Send orders to **THE INDUSTRIOUS**
HEN, Knoxville, Tenn.

Parrish Strain COLUMBIAN WYANDOTTES

The past season I furnished birds that won the blue in New York, Indiana, Illinois, Massachusetts, Ohio, Pennsylvania, Missouri, Washington, Iowa, Arizona and nearly every State south of the Ohio river. At the Tennessee State Fair show, September, 1910, which was pronounced the largest as well as of the highest quality in its history, in an extra strong class of Columbian Wyandottes, I won first pen; first cock; first and second hen; first, second and third cockerel; first, second, third, fourth and fifth pullet.

If you want a show bird or breeders, you can do better here than elsewhere.

Write for catalogue.

T. REID PARRISH
 LICENSED JUDGE
 North Sta. Nashville, Tenn.

DENNIE'S "QUALITY"
BUFF ORPINGTONS
 WILL PLEASE YOU

I am offering my eggs, \$3.00 for 15, while they last. So book your orders at once.

WEST LAWN POULTRY YARDS
 J. C. DENNIE, 51 Gilmore Ave., Nashville, Tenn.

Value of Domestic Cat.

In nearly every wholesale egg house one visits in Philadelphia, will be found a domestic cat, and it is considered a valuable acquisition to the business. Rats have a fondness for eggs, and were it not for the faithful cats there would be great loss. It is said that a rat, not finding an egg in just the proper location, will wrap his tail around it and tow it to place of safety where it may be sucked at leisure. Besides the cats on the premises, traps are set, and it is a frequent thing in the Water street region any morning to see one of these traps brought out to the street with four or five egg-fattened rodents in it. They are turned loose and at the mercy of a crowd of boys, who, armed with clubs, never permit the thieves to get far away. A feature of the thoroughfare between Chestnut and Market streets is the appearance, every morning, of an old rat terrier, which is always good for one rat out of each trap. "If he wasn't so old he'd get every one of 'em," said a man who has handled a trap for years.—*Ex.*

Study Your Breed

If you are making a specialty of some particular variety, do not go at it in a hap-hazard fashion. Make a study of the breed and then the variety of that breed that you have selected as the one that you wish to keep. Learn about their history, from what birds they originated, etc. This will post you on that part of

ORPINGTON GROVE SINGLE COMB BUFFS--BLACKS--WHITES

WINNERS AT

Great Appalachian Show
 Augusta-Carolina Show
 Great Philadelphia Show
 and Atlanta.

Mating list for the asking.
 Wm. Cook & Sons' strain.

MRS. L. L. UPSON
 1124 PRINCE AVE.
ATHENS :: GEORGIA



The FAVORITE BAND
THE BEST IN THE WORLD
 12 for 15c, 25 for 25c, 50 for 40c,
 100 for 65c.
CHAS. L. STILES
 30 Columbia Bld. COLUMBUS, OHIO

Myers' LANGSHANS, INDIAN RUNNER DUCKS

WINNERS AT THE GREAT INDIANAPOLIS QUALITY SHOW.

LANGSHAN WINNINGS 1st and 2d cock; 1st and 4th cockerel; 1st and 5th pullet; 3d hen; 3d pen. This cock, cockerel and pullet conceded by all Langshan exhibitors to be the grandest specimens ever produced.
INDIAN RUNNER DUCK WINNINGS 1st cockerel; 2d pullet; 3d cock; 5th hen. This cockerel was pronounced by all the Indian Runner Duck specialists to be the most typical fawn and white drake ever exhibited. Eggs and stock for sale. Satisfaction guaranteed. Write wants. **BEN S. MYERS, Crawfordsville, Ind.**

SILVER - LACED WYANDOTTES BEST IN THE SOUTH

THEY have proven their worth by winning in three of the South's greatest shows held this fall. At the Tri-State Fair, Memphis, won 1st cock, 1st cockerel, 1st hen and 1st pullet; at great Appalachian Exposition Poultry Show, Knoxville, won 1st cock, 1st hen, 1st pullet and 2d cockerel; and at Mississippi State Fair, Jackson, won 1st and 2d pullet, 2d hen, 2d cockerel and 2d pen. This is a show record that stamps my birds among the best in the country. **EGGS**—From pens 1 and 2, containing prize winners, \$3.00 for 15; pens 3 and four, good as the best, \$2.00 for 15. Book your orders now for eggs.

M. E. JARRATT, Route 2, Batesville, Miss.



ROYAL STRAIN BARRED ROCKS

Have won for us in the past two years at the following shows and they will win for you. 2d cockerel, 2d and 3d hen, 4th pullet, 2d pen, Greenville, S. C., 1909; 4th cockerel, Spartanburg, S. C., 1909; 1st pullet, Charlotte, N. C., 1909; 3d cockerel, 1st hen, Atlanta, Ga., 1910; 1st cock, Augusta, Ga., 1910; 4th cock, 2d and 5th hen, Charlotte, N. C., 1910. **EGGS**—\$3.00 per setting of 15; two setting for \$5.00. Incubator eggs, \$1.50 per 15; \$8.50 per 100.

DES-RENA POULTRY YARDS
 GREENVILLE, S. C.

it. Then study the Standard of perfection and note what it says about them. Learn by heart what the requirements are, what the disqualifications are, and in fact everything about that variety that is given. Then when you breed you will know the kind of birds to expect. If here and there you find a chick that is wrong, or that has some disqualifying feature, put it aside for a broiler. By doing this you will soon be breeding from the best, and after a few years you will have fewer and fewer of the poorer specimens and more of the typical birds of that variety.—*Ex.*

Increases His Space

Mr. Oliver Rutherford, of Eutaw, Ala., who breeds some of the best White Wyandottes and Mammoth Pekin ducks in the South, increases his space with us this month. If you want the best in these breeds, write him.

Quality Rhode Island Reds

The quality S. C. Rhode Island Reds shown by W. M. Willets, of Sherburne, N. Y., have been the sensation of New York State shows for the past several years. His winnings embrace such shows as Syracuse State Fair, Binghamton, New Berlin, Utica and Norwich. Honestv and quality are the factors that have made the business of this well-known breeder so successful.

Big Winnings at Lexington

R. L. James, R. 5, Lexington, Ky., breeder and originator of the "Blue Grass Strain" White Plymouth Rocks, showed some fine birds at the Kentucky State Show at Lexington, and won 1st cock; 1st hen; 1st, 3d and 4th cockerel; 4th pullet and 2d pen. He also won the gold special for the best display, this making two years in succession that he has captured this honor.

FOR SALE

Owing to other interests I am compelled to reduce my flock of chickens. I offer for quick sale—all well worth the price:

- 5 Trios Barred Minorcas, \$10 Trio
- 5 " Buttercups 8 "
- 2 " Black Orpingtons 6 "
- 3 S.C.R.I. Red Cocks, \$3 to \$5 Each
- 30 " Hens, 2 Yrs. old, \$1.50 "
- 20 S.C.R.I. Pullets, 1 Yr. old, 1.50 "
- 10 S.C. Buff Orpington Hens 1.50 "
- 6 " Black " 1.50 "

The Barred Minorcas and Buttercup hens offered are two and three years old. Send me your egg orders.

C. S. TAIT
BRUNSWICK, GEORGIA



Save Your Chicks!

Bowel Complaint, Cholera, and similar ailments kill millions of little chicks every year. Start now to protect your chicks from these ailments. Prevention is better than a cure. It amounts to almost positive chick life insurance to give them

GERMOZONE

in the drinking water regularly *twice a week*. Germozone regulates the bowels, destroys disease germs, builds vigorous systems and enables your chicks to better withstand the ravages of disease should it appear. Germozone is in general use to-day by poultrymen the world over—the most satisfactory poultry medicine ever manufactured. Equally good for old or young fowls. Prepared in liquid and tablet form.

Price 50 cents

Lee's Lice Killer

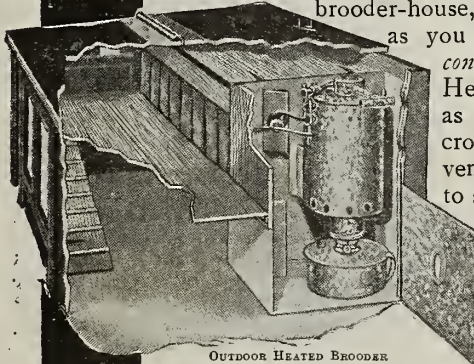
is an invaluable remedy for poultrymen. So easy to use, so deadly to lice and mites, so prompt in its work and so harmless to fowls. You cannot afford to have fowls eaten up by lice. Lee's Lice Killer (a liquid) painted and sprayed on roosts and walls of the poultry-house is the surest way to destroy all vermin. No dusting, dipping, or greasing. Individual treatment of fowls unnecessary. The safest and best of all insect destroyers. Destroys both by vapor and contact all vermin on the body of the fowl or about the poultry-house. Absolutely harmless to the fowl. No other lice killer so good; no other method so satisfactory. Ask your dealer or send direct.



Quart, 35c, 1/2 Gallon, 60c, Gallon, \$1.00

Mandy Lee Brooders

We are affording poultrymen a better chance to raise all their chicks now than ever they have had before. Mr. Lee's years of study and experimenting have resulted in the excellent outdoor heated and regulated brooder shown here. It is an all-purpose chicken home. Use it as a brooder, brooder-house, colony-house or chicken-house, as you have need. Hover supplies contact heat direct to chicks' backs. Heat is controlled by regulator just as in an incubator. Roomy; no crowding; well lighted; perfect ventilation and a chance for chicks to scratch and exercise.



OUTDOOR HEATED BROODER

Our 1911 catalog describes the full line of Mandy Lee Brooders, also the Incubator with its open-front poultry-house plan of ventilation which is creating such a sensation. It is the incubator that is run by rule. No guessing; no chance to go wrong. Send to-day for catalog and learn about it. Also get "Lee's Chicken Talk." Both free. Address

GEO. H. LEE CO., 1113 Harney St., Omaha, Neb.

Rippley's Perfect Shipping Boxes

For Day Old Chicks—and Eggs



Stand the weight of 5 men. Made of strong corrugated card board. Dead air cells keep out heat and cold. Chick boxes have perfect ventilation. These boxes deliver the chicks 3,000 miles safely, and eggs in a hatchable condition, and save express charges. Satisfaction or money returned.

Cheapest and Best Boxes Made

Order from this advt. Special prices on 200 boxes or more and pay freight on 500 boxes. Shipped knocked-down to save in freight charges. Catalogue Free of Egg, Day Old Chick boxes, Coops, Brooders, Hot Water Brooder and Brooder House Heaters, Feed Cookers, Whitewashers, Sprayers, Bone and Clover Cutters, Carts, Lice Killers, Feed, etc. Write postal.

RIPPLEY MFG. CO., Box 034, Grafton, Ill., U. S. A.



Perfect Chick Boxes

100 Chick Size - \$2.65 Per Doz.
50 Chick Size - 1.60 Per Doz.
25 Chick Size - 1.25 Per Doz.

Size	Doz.
15 Egg	\$1.00
30 Egg	1.65
50 Egg	2.50
100 Egg	4.00

500 "RINGLET" ROCKS and REDS

I have the finest lot of early cockerels and pullets I have ever raised, many of them blue ribbon specimens. The "Ringlets" show that elegant, clean, narrow blue barring so desirable. Line-bred to Standard requirements, and for egg production. I make a specialty of fine cocks and cockerels to improve your stock.

Thompson's "Ringlets," Buff Rocks, Fishel's White Rocks, Duston's Wyandottes and Thompkin's non-fading R. I. Reds

Show record for 1910: 1st and 2nd cock, 1st and 2nd hen, 2nd cockerel, 2nd and 3rd pullets, 1st and 2nd pens. At Burlington, Greensboro and Raleigh, I won 29 firsts, 27 seconds and cash prize offered by the state. Eggs from 1st prize matings, \$2 and \$3.

DR. JNO. W. LASLEY

BURLINGTON - - - NORTH CAROLINA

BARRED ROCK EGGS

FROM the Best Barred Rocks in the South. I breed the best and my Show Record will show the quality of birds I breed, winning highest honors at every leading show entered. No better birds for winning or laying in the South than Wood's Barred Rocks. Eggs from Fancy, Prize-Winning Stock, \$3 per 15, \$5 per 30. A good hatch. Order today.

JAS. B. WOOD, Box 30, Brooks, Ga.

EAST END ORPINGTON YARDS

SINGLE COMB WHITE EXCLUSIVELY

Big white, low-down chickens. Best Orpington type and color. Have taken prizes wherever shown. Strain founded from finest blood lines in America—Cook, Kellerstrass and Owen Farms. Eggs, \$2.00 per 15 and up. Stock at all times. No culls sold. Satisfaction guaranteed.

JOHN J. HASKELL & CO., Prop. : Falls Church, Va.

MEMBER OF THE AMERICAN WHITE ORPINGTON CLUB



White ORPINGTONS

(KELLERSTRASS AND M. BROWN STRAINS)

In my yards are 1st and 3d cock, and 3d cockerel at Memphis; 1st cock at Jackson, Miss.; 2d cock and 2d pullet at Columbus, and cockerel and pullets that have never been shown. Sired by Crystal Palace winners and Champion of England. Setting from 1st pen, headed by 1st cock at Memphis and Jackson, \$5.00. EGGS:—\$3.00, \$5.00 and \$10.00.

HARRY CALLICOTT :- Coldwater, Mississippi.

The Curtiss Poultry Farm

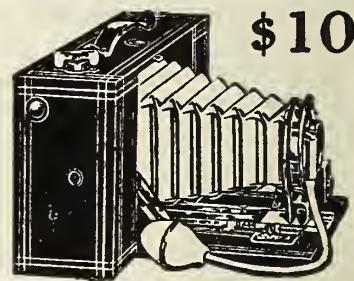
This wonderful poultry producing farm, one of the largest institutions of its kind in the country, which has been made world-famous by the *Farm Journal* of Philadelphia, and Michael K. Boyer in his *Curtiss Poultry Book*, has for several years used Zenoleum Disinfectant throughout its tremendous establishment and in its incubators. Mr. Curtiss says this of Zenoleum: "In regard to your Zenoleum Products, will say in addition to what we wrote you two years ago, that we have continued the use of Zenoleum in every incubator that we set since we first began the use of your disinfectant and find that it has been all that we expected and more. We would not think of setting an incubator in this plant without first using Zenoleum."

S. C. White Leghorns of Quality

THE INDUSTRIOUS HEN has just received from S. F. Shallcross, Odessa, Del., a small circular which is very interesting as it contains his 1911 mating list and some extracts of letters from a few of his many patrons, to whom he has either sold stock or eggs this past year. We would advise any one wanting S. C. White Leghorn eggs or stock to write Mr. Shallcross for his 1911 mating list, which is free by asking.

Kimballville's Big Auction Sale

Notwithstanding the sprinkle of rain which dampened the apparel, but not the spirit of the poultry and cattle fanciers at Kimballville Farm January 24, the auction finished with the day's sales amounting to \$3,000. "Farmer Bill" Zimmer had prepared a bounteous feast for the visitors and they were there by the hundreds. The bidding on the fancy stock was brisk and some fancy prices were paid. The best price of the sale was given on a Jersey heifer, a



\$10

The Biggest Little Cousin of the Kodaks—

No. 3A FOLDING BROWNIE

Takes the full size post card pictures, 3 1/4 x 5 1/2 inches. Equipped with meniscus achromatic lens, F. P. K. automatic shutter with bulb release, automatic focusing lock and reversible finder. Has all the Kodak advantages of daylight loading and unloading, and is made and tested by Kodak workmen.

Price with meniscus achromatic lens, \$10.00; with Rapid Rectilinear lens, \$12.00; other Brownie Cameras, \$1.00 to \$11.00.

EASTMAN KODAK CO.,
412 State Street, ROCHESTER, N. Y.

Catalogue of Kodaks and Brownies free at the dealers or by mail.

THE "HOOSIER" BARRED PLYMOUTH ROCKS

**Birds of Purity and
Unchallenged Quality
IN COLOR THEY DEFY ALL COMPETITION**

In TYPICAL ROCK TYPE they have no
SUPERIORS. Line-bred from the best blood
lines in the world. --: --: --: --:

Their late winnings at the late GREAT FT. WAYNE quality show of the BIG SPECIALS for best colored bird, best shaped bird, and display, besides more points on hens, cocks, and breeding pens than all competitors combined is ample proof of their quality and their winnings for my customers are the envy of the season. Four of my great cock birds made a clear sweep at this show and judges and big breeders said they were the grandest lot ever seen outside of a big Eastern show.

I HAVE 12 VERY EXCLUSIVE BREEDING PENS

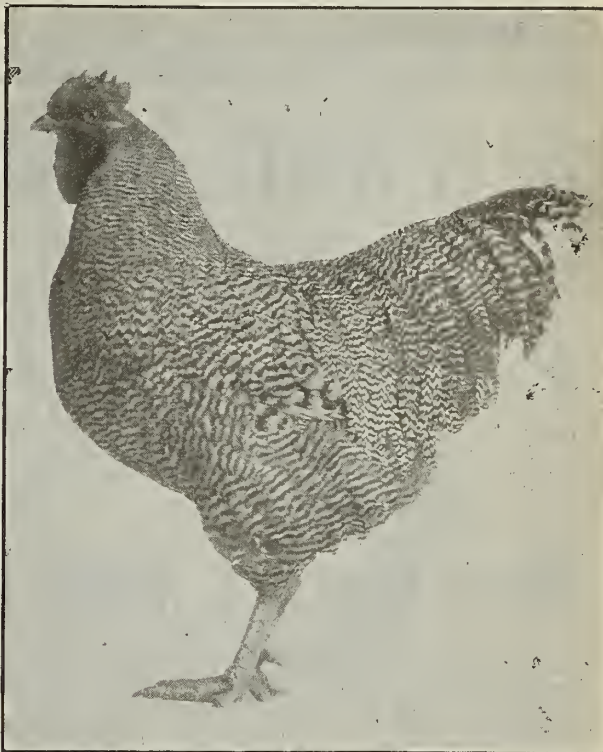
made up of my choicest INDIANAPOLIS, ANDERSON and FT. WAYNE winners and best line breeders—all rich in the blood of the best INDIANAPOLIS, CHICAGO and NEW YORK winners.

My Exhibition Females Have the Best EGG RECORD IN THE WORLD

Eggs are carefully selected and guaranteed to hatch.

Finely illustrated catalog and mating list upon request. They are full of pictures from life of my choicest winners and breeders.

PURL H. WEIKAL, Box 77A11, Marion, Ind.



"BLUE CHIEF," First Cock and Champion Male at the late Ft. Wayne quality show. Also sire of special color winner at same show and other season's winners.

daughter of Great Eminent. This fine cow brought \$650.

When the Rhode Island Reds, some of the finest poultry on the farm, were offered, the bids were fast and ran high. Two pens of ten each brought the fancy price of \$110. The interest manifested in the sale was great and the results obtained surpassed the fondest hopes of those who were interested. Loring Brown, of Belmont Farm, the auctioneer, filled the place admirably and told of the pedigree of the famous birds and stock brought into the arena. And when it comes to the family tree of a chicken, Loring Brown knows it all. In the future "Farmer Bill" will devote his time on the farm to raising "Crystal" White Orpingtons and White Leghorns.—*Atlanta Georgian*.

Are Interested in the South

As a result of exhibits made by the Southern Railway and affiliated lines at various fairs and expositions in the North and West last fall, the Land and Industrial department of the Southern has the names of several thousand people who are interested in the South with the view of looking for homes. Exhibits were maintained by the Southern and affiliated lines at the Pittsburgh Land Show, the Illinois State Fair at Springfield, the Wisconsin State Fair at Milwaukee, and the New York State Fair at Syracuse. These exhibits were viewed in the aggregate by over a half million people according to reports just compiled by the Land and Industrial Department of the Southern. In addition as large a number visited the exhibit of the South and its Re-

BUFF ROCKS THE WINNING KIND

Breeding Stock Eggs for Hatching

At Nashville, Knoxville, Pensacola, Birmingham and Gadsden, our EXCELSIOR BUFFS won more first prizes than all competitors. Handsome illustrated catalog giving winnings in full and telling of our matings for the season awaiting your request.

W. P. HOFFERBERT : Buff Rock Specialist : Gadsden, Ala.

Choice Breeders

CECIL PLACE, the Home of the

Eggs for Hatching

PARTRIDGE WYANDOTTES

Send for catalogue and list of winnings at such shows as Baltimore, Pittsburgh, etc. Let me tell you why they are the best of all the Wyandottes.

M. N. CECIL : Route 4 : Elm Grove, W. Va.

TRANHAM STOCK & POULTRY FARM

IN SOUTHEAST ARKANSAS, AT MONTICELLO.

Eggs for sale from prize-winning pens. S. C. Rhode Island Reds, S. C. Buff Orpingtons, S. C. White Leghorns, S. C. Brown Leghorns. Nothing scores less than 92% in these pens, and score up to 94%. Cockerels score 94% mated to these pullets. Prices of these eggs are from \$3 to \$5 for a setting of 15. Also R. C. Brown Leghorn eggs, \$2 to \$5 from first prize winners, and Mammoth Bronze Turkey eggs, \$6 per setting of 13, mated with tom weighing 40 pounds. Give us your order; we can please you.

H. M. TRANHAM & SON

Monticello, Arkansas.

S. C. White LEGHORNS

Bred for heavy egg production. Stock and eggs for hatching. Homers and Carneau for Squab breeding. Send for price list. FOR SALE for delivery June 1, 1911—

150 Yearling Hens, \$1.50 and \$2.00
5 Nice Cock Birds, \$1.50, 2 Years Old
4 Nice Cock Birds, \$2.00, 1 Year Old

All used in this year's breeding pens. Book your orders early as this is a good chance to get new blood. Also will have hundreds of pullets and cockerels, 3 months old, from 75c to \$1.50.

We Guarantee
Satisfaction

W. K. GUMMING & CO., Dept. 2, Winchester, Ky.



**CHAMBERLAIN'S
PERFECT CHICK FEED**
The Only Original Dry Chick Feed and The World's Standard.
FOR SALE BY
Otto Schwill & Co., Memphis, Tenn. A. G. Delmas, Pascagoula, Miss.
L. Levy Gro. Co., Baton Rouge, La. Ferd Staffel, San Antonio, Tex.
J. Steckler Seed Co., N. Orleans, La. R. N. Hobson, Tuscaloosa, Ala.
J. H. Stevens & Son, Columbus, Miss. F. E. Ballard, Nettleton, Miss.
W. F. Chamberlain Feed Co., 316 & 318 N. Commercial st., St. Louis.

S. C. WHITE LEGHORN EGGS

From bred-to-lay, large, high-scoring white birds of fancy quality. Scored and unscored stock for sale. Member National S. C. White Leghorn Club.

MRS. LOUIS DOWNER Guthrie, Kentucky

Boost the LANGSHANS

The Best Egg Producers of Them All. My yards are mated up with fine, healthy, high-scoring, farm-raised stock. Eggs, \$2.00, \$3.00 and \$5.00 per setting of 13. Incubator eggs from healthy utility stock, \$5.00 per hundred. 20 years a breeder.

M. D. ANDES Bristol, Tenn.

Monte Sano S. C. RHODE ISLAND REDS

If you want Reds for beauty, for utility, for eggs, or for exhibition, the Monte Sano Strain are the birds that you are looking for. In my yards are many Blue Ribbon winners. EGGS—Pen 1, \$5.00; pens 2 and 3, \$2.00, per 15 eggs. Monte Sano Chief heads my No. 1 pen, and he is winner of several firsts. Only a few sittings will be sold from this pen. Twenty-five pullets and ten cockerels for sale. I guarantee satisfaction in sales of both birds and eggs.

W. L. WALL : : : : Huntsville, Ala.

Single Comb Rhode Island Reds and Single Comb White Leghorns

WORLD'S GREATEST WINNING AND LAYING STRAINS

I have a beautiful lot of cockerels and pullets for sale from \$2 to \$5 each. Birds of the highest type always for sale at honest prices. Eggs for sale at all times, \$1 to \$3 per 15. Some of my winnings for 1910: Knoxville, Tenn., Appalachian Exposition, Reds, 3-4 pul, 4 ckl; Leghorns, 5 ckl. Appalachian Fair, Newport, Tenn., Reds, 1-2 hen, 1 ck, 1 pul, 1 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 pen. Morris-town Fair, Reds, 1-2-3-4 pul, 2-3 ckl, 1 ck, 1-2 hen, 1-2 pen; Leghorns, 1-2-3-4 pul, 1-2 ckl, 1-2 hen, 1 ck, 1-2 pen, silver cup for best display. Greenville, Tenn., clean sweep. Correspondence a pleasure.

HERBERT HAUN : : : : Mohawk, Tennessee

Prize-Winning BLACK LANGSHANS, WHITE INDIANS, HOUDANS

Eggs, \$2 and \$3 for 13. Pen of Black Langshans, headed by famous cock bird, "Mandarin," winner of 1st at Madison Square Garden, 1909-10; eggs, \$3 for 13. Bantams of bluest ribbon blood, White and Buff Cochins, Golden Sebright and Black-Tailed Japanese; eggs, \$2 for 13. Mammoth Bronze and White Holland Turkeys, Mammoth Toulouse and Embden Geese, eggs, \$3 for 9. Imperial Pekin and Indian Runner Ducks, and White African Guinea; eggs, \$1.50 per setting. Also Fancy Pigeons in mated pairs. I have in my yards birds that have won at Madison Square Garden, N. Y. State Fair, Hagerstown, Richmond, Charlotte, etc. Prices of stock on application. Circular free.

FLYNN ELLIOTT : : : : R. F. D. 6, CHARLOTTE, N. C.

Reeder's Louisiana Champion B.P. ROCKS

Beaumont, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; special for best pen Barred Rocks in show; 2d best parti-colored pen in show. Hillsboro, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; 2d best parti-colored pen in show; best pen Barred Rocks in show. Corsicana, Texas, 1910—1st cock, 1st cockerel, 1st pullet, 1st pen; best pen Barred Rocks in show; 2d best parti-colored pen in show. Dallas, Texas, 1910—1st hen, 1st pen, best cock, cockerel, hen and pullet; also silver cup. Pine Bluff, Ark., 1910—1st hen, 1st pen; also silver cup for best pen Plymouth Rocks in show. Galveston, Texas, 1910—1st and 2d cock; 1st and 2d hen; 2d pullet; 1st and 2d pen; special for best Barred Rocks and special for 3d best parti-colored pen in show. 9 prizes on 10 birds shown; 4 pen prizes.

W. W. REEDER : : : : Minden, Louisiana

CAMPBELL'S HIGH-SCORING EXHIBITION

Single Comb BUFF LECHORNS

always in the lead as Blue Ribbon Winners wherever shown. At the great Appalachian Exposition, Knoxville, Tenn., won eleven ribbons on seven entries, including specials for shape and color, also silver medal and diploma for best cockerel in Mediterranean class.

—WRITE FOR MATING LIST—

MRS. C. B. CAMPBELL, Asheville, N. C.
Member and State Vice-Pres. American Buff Leghorn Club. Sec'y of N. C. Branch A. P. A.

A WONDERFUL INVENTION
CLARK'S DOUBLE ACTION COMBINED CULTIVATOR AND HARROW, can be used to cultivate crops in rows, as a Listing Harrow, and when closed together is a Disk Harrow cutting 4 1/2 feet wide. Drawn by two medium horses. Jointed pole. Perfect centre draft. A labor saver. Send today for **FREE Booklet**.
CUTAWAY HARROW CO., 95 Main St., Higganum, Ct.

sources made jointly at the Ohio Valley Exposition in Cincinnati by the railroads of the Southeast.

The agricultural possibilities of the Southeast were displayed to magnificent advantage at these fairs, the Southern Railway exhibits receiving most favorable notice at all of them. From 10,000 to 15,000 persons visited the exhibit daily at the Pittsburg Land Show coming from all the middle states and from Canada. A large number of thrifty German farmers were among those most interested at Wisconsin State Fair. The exhibit of the varied products of the Southeast at the Illinois State Fair and the New York State Fair interested thousands who had previously considered cotton practically the only product of the South. Thousands of pieces of literature were distributed showing the opportunities for profit in other lines of agriculture in the South.

American Dominique Club

W. H. Davenport, of Colrain, Mass., secretary of the American Dominique Club, writes all breeders of this old-established breed as follows:

"Remember that we want your help. If you are a breeder of this 'Oldest American breed of poultry' and believe it to be what so many others claim, viz, the best of all breeds; please sit down and send us your address, also that of every other Dominique breeder you know.

We want to get the address of every man in America who breeds this old historic variety."

Poultry in Wilson County

There is considerable interest among members of the Wilson County Poultry Association concerning the appropriation asked of the State Legislature for the poultry industry in this State. There is a determined opposition to an appropriation of any amount to be used

Here is the Paper you are looking for

You can make money from your poultry if you read the **IDEAL POULTRY JOURNAL**. Each issue is full of poultry information. Illustrated Profit-Increasing Articles, telling all about successful, natural and artificial incubating and brooding, profitable broiler and roaster raising and egg production; mating, exhibiting and judging, building poultry houses, coops and fixtures. Various departments including a **Breeders' Information Bureau** (tree) published monthly, 50 cents a year.



FOUR MONTHS FOR ONE DIME

As an inducement for new subscribers, we will send **IDEAL POULTRY JOURNAL** four months for 10 cents in coin or stamps. **NOW IS THE TIME**. If you are not satisfied with the **IDEAL** at the end of the four months, write and tell us and we will cheerfully refund your money. Breeders everywhere recommend it. Send ten Cents to **IDEAL POULTRY JOURNAL COMPANY** 827 Perdido St. New Orleans, La.



A 16 lb. Capon

Photo from Life

Poultry Truths

¶ After all it's the TRUTH—the plain unvarnished practical facts about poultry raising that you want, not theories advanced by writers who too often have "an axe to grind."

¶ Mr. S. B. Twining, of "AFTON FARM", (the oldest and most successful poultry farm in the country) is widely recognized as an authority on practical poultry raising for profit. Hundreds of people write to Mr. Twining for advice, and as he finds it impossible to answer such requests as fully and as conscientiously as he would like, he has written a valuable book, illustrated, which contains just what the title indicates—POULTRY TRUTHS.

¶ Readers of this book will get the benefit of a life-time of experience on a successful poultry farm. No high-sounding theories are advanced—the book tells in a plain, frank, honest way how to make profit from poultry.

¶ The book treats of incubation and brooding of chickens, ducks, geese, turkeys, guineas and pigeons. The questions of heating, breeding, marketing and shipping are fully covered. There are feeding suggestions and helps to beginners.

¶ The chapter on Capon Culture alone is worth more than the price of the book. Capons sell for 30 cts. to 40 cts. per lb. in city markets.

¶ POULTRY TRUTHS is being sold purely on its merits—has no connection with any publication or any advertising scheme.

¶ Every poultryman and prospective poultry-raiser will find it profitable to read this book. No other book contains so much practical, reliable advice.

\$1.00 per copy, postpaid

SEND A DOLLAR TODAY TO

AFTON FARM

Box D-15 Yardley, Pa.

at the State Fair, but they will urge a reasonable amount to be used in the three grand divisions of the State, in order that the importance of the poultry industry may properly be brought before the large number of farmers and others, who are, after all the backbone of the poultry industry in the United States.

The work done by the local association during the past four years has been little short of marvelous although all the expenses of the educational work have been borne by about a half dozen of the local fanciers. A few years ago the produce men here were putting up five grades of eggs, the better eggs going to the Eastern markets, while the poorer grades found market only in the South. As an example of the improvement that has been made in this county, a local produce house recently purchased forty-five cases of eggs from hucksters operating in Wilson County, and when these eggs were tested forty-three cases graded as number one. Several large egg farms have been established over the country, keeping only thoroughbred poultry, and some of these get from two to three cents over the market price on the local markets, while one farm ships to Nashville at an advance of five cents a dozen over the market price.—E. H. DEPOY in *Nashville Banner*.

Partridge WYANDOTTES

Canton, Bushnell and Lewistown, Ill., prize-winners. Write for mating list and price of eggs.

MRS. MARGARET J. POWELL. Table Grove, Ill.



MASON CHICK Server and FOUNTAIN

The most practical Fountain or Feeder on the market. Don't let your chicks drown. Buy these from your dealer or send direct. Prices: Each 25c. postpaid. Six, \$1.25 postpaid. TOMLINSON-LANPHERE CO., Detroit, Michigan

"Golden Dragon" BUFF COCHINS

ARE STILL ON TOP

At the recent Augusta Show they won the silver cup for the BEST PEN OF ASIATICS For the Second Time. My birds have won some of the most coveted prizes at Madison Square Garden, Indianapolis, Augusta, Asheville, Charlotte and other shows. Season of 1909-10 they won over SEVENTY REGULAR and SPECIAL PRIZES. If you appreciate high-grade stock, it will pay you to write me for prices. They are not low, but are in keeping with the quality of the birds.

C. W. BEST

Assistant Secretary American Buff Cochins Club

P. O. Box 101G

Charlotte, N. C.

Life Member A. P. A.

Do You Know J. A. Thornhill?

He breeds quality Single Comb Brown Leghorns and Rhode Island

Reds. A few cockerels for sale. Eggs \$1.50 and \$3.00

per 15; \$6.00 and \$8.00 per 100.

THORNHILL'S POULTRY FARM, Hartselle, Ala:

SYPERT'S PARTRIDGE ROCKS

NEW STANDARD BREED

Win wherever exhibited. Best in the South, and none better anywhere. Noftzger's strain direct. Full of vigor; have the size, beauty and utility. Won at Nashville, Sept. 1910, 1st cock; 1st hen; 1st and 2d cockerel; 1st, 2d and 3d pullet; 1st pen. Chicago, Dec. 1910, 3d cock, 5th hen, 5th cockerel, 4th pen, against strong competition. They are also winning in the hands of my customers. A few choice, fully matured cockerels for sale. Eggs for hatching. Baby chicks a matter of correspondence. Write for mating list. Satisfaction guaranteed.

Kentucky Vice-President American Partridge Rock Club.

G. W. SYPERT, Madisonville, Ky.

WHITE WYANDOTTES

DUSTON STRAIN

HEAVY WINTER LAYERS, FARM RAISED

Eggs, per setting of 15, \$2.50

ADDRESS

FELIX CREASY

Lexington, Tennessee



CHILDRESS' S.C. White LEGHORNS

The Acknowledged Southern Champions

Prize winners, in the strongest competition, Appalachian Exposition, Hagerstown, Atlanta, Augusta, Charleston, Birmingham, Chattanooga, Bristol Asheville, Tenn. State Fair, Knoxville, Cincinnati East Tenn. Fair. World's Best Egg Producers. Remember that we breed for size, health, vigor and profit as well as for Standard requirements. We raise our chicks on free range and never breed from weak or unprofitable birds, no matter how good they are from a fancy standpoint. My breeders are exceptionally fine in shape, graceful in carriage, and have that snappy, intelligent appearance that all breeders must have, the concave back and heavy low-tail carriage that pleases the judge in the show. If you want foundation stock or new blood, send your order to the "Fountain Head." If you are not satisfied that Childress has the Southern Champions, write Judge Marshall, Wittman, or any national judge who has seen my birds. They know. Send for mating list. Eggs—\$2 to \$10 per 15.

JOHN F. CHILDRESS

Box H : : Sweetwater, Tenn.

BARRED ROCKS STRONG BREEDERS

Cockerels at \$3.00, dark and distinctly barred, the kind that will produce the largest per cent good birds. Eggs—\$3.00 per 15, from pens headed by prize winners.

Six Beautiful COLLIE PUPS for Sale

CLARENCE YOUNG

Sweetwater, Tenn.

WINNERS GREAT APPALACHIAN EXPOSITION SHOW WILBER'S WORLD'S BEST SINGLE COMB WHITE LEGHORNS, INDIAN RUNNER DUCKS

Blue ribbon winners America's best shows. Hundreds of fine breeding cocks, cockerels, hens, pullets, \$2, \$3, and \$5; extra fine ones \$10. Eggs, \$2, \$3, and \$5 per setting. Special prices on larger lots.

WILBER BROTHERS, Route 4, Box G, Cleveland, Tennessee

1911 Matings Best Yet. Handsome Catalog for Stamp.

EGGS FOR SALE

COLUMBIAN WYANDOTTES
\$1.50 per 15.

Single Comb RHODE ISLAND REDS
\$1.50 per 15.

INDIAN RUNNER DUCKS EGGS, \$2.00 per 13.

GUY P. MATHES, Morristown, Tenn.

BOYD'S BROWN LEGHORNS

SINGLE COMB

Again winners in the best shows of the country. Eggs from highest class show birds or utility stock, \$2.00 to \$5.00 per 15. Safe arrival and a good hatch guaranteed.

DR. H. T. BOYD : : Sweetwater, Tenn.

SICILIAN BUTTERCUPS

DUMARESQ STRAIN

Stock from Ribbon Winners for sale. If you want genuine Buttercups, send for my circular.

MRS. J. S. DUMARESQ, Cato's Hall, Easton, Md.



LAMBERT'S DEATH TO LICE

insures clean fowls—large profits. Absolutely safe, sure and quick in results. If not at your dealer's, send 10 cents for sample of powder for hens, or of ointment for head lice on little chicks. Valuable booklet, "Eggs and How to Get Them" for 2c stamp. **O. K. STOCK FOOD COMPANY**
333 Traders Bldg., Chicago, Ill.

Rhode Island Reds

At the Tennessee State Fair at Nashville, Sept. 1910, Mr. C. L. Buschmann's non-fading R. C. Rhode Island Reds swept everything before them, winning every prize offered, and at the Illinois State Fair they won every prize but two thirds. If you have never seen the "Origin and History of Rhode Island Reds," how to mate and line breed them, send 10 cents to Mr. C. L. Buschmann, 4955 North Meridian street, Indianapolis, Ind., and get a copy. If you want as good Reds of the Single Comb variety, write W. C. Pierce at the same address.

A Composition on Hens

A little Kansas boy wrote this composition on hens: "Hens is curious animals. They don't have no nose, nor no teeth, nor no ears. The outside of hens is generally out into pillars and feather dusters. The inside of a hen is sometimes filled up with marbles and shirt buttons and sich. A hen is very much smaller than a good many other animals but they will dig up more tomato plants than any thing that ain't a hen. Hens is very useful to lay eggs for plum pudding. I like plum pudding. Skinny Bates eat so much plum pudding once that it set him into the collery. Hens has got two wings and can fly when they are scart. I cut my Uncle William's hen's neck off with a hatchet and it scart her to death. Hens sometimes make very fine spring chickens."—*Successful Farming.*

The Plant of Street & Bishop

Street & Bishop, Columbus, Miss., have the goods in White Orpingtons, both in high quality American birds and some of the very best individual specimens that ever left England for this country. They also have the equipment, representing between three and four thousand dollars, besides value of the farm. As yet they have a somewhat limited output, reserving quite a lot of youngsters for another year, when they hope to open a campaign that will put them well up to the front in the line of Southern breeders.

Black Orpington Catalog

The new catalog contains the names of fifty per cent more members that did the catalog of last year and it is quite apparent that the Black Orpington Club is in a flourishing condition. Over 100 medals were awarded at different



Poultry Profits

increased by using POTTER SANITARY Portable Hen houses and fixtures. 2 big catalogues; 125 pages; 150 illustrations. Send for these and circulars on the POTTER SYSTEM of selecting laying and non-laying hens. 30,000 poultry keepers use it. Send 4 cents to cover postage on large catalogs and circulars. **T. F. Potter & Co., Box 20, Downers Grove, Ill.**



125 Egg Incubator and Brooder Both For \$10

Why pay more than our price? If ordered together we send both machines for \$10.00, and pay all the freight charges. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time. **WISCONSIN INCUBATOR CO., Box 57, Racine, Wis.**



ANCONAS Laying wonders. Have no equal. Quick growers, early layers, great foragers. First pen laid 312 eggs in January. Price, \$2.25 for 15; \$4 for 30. Book free. **MAJESTIC FARM, Marshallville, Georgia.**

White WYANDOTTES

Eggs from birds scoring 95 to 96. Write for mating list and show record. Mrs. Frances (Powell) Dobbins, R. F. D. 3, Table Grove, Illinois.

ANCONAS

Hens That Lay Eggs That Hatch
BOOK YOUR ORDER

H. E. PORTRUM Rogersville, Tenn.
Member International Ancona Club

REDUCTION SALE

600 prize-winning and utility Single and Rose Comb R. I. Reds, Barred P. Rocks; White Wyandottes, Single Comb White and Brown Leghorns. Winners at the largest shows. It will pay you to write me if you want good stock.

CHAS. HUFF

66 Forty-first St. IRVINGTON, N. J.

Indian Runner Ducks

Eggs, \$1.00 per 13, or \$5.00 per 100.

S. C. Buff Orpingtons

Eggs, \$1.00 per 15, or \$5.00 per 100.

G. T. HALE, Route 7, Morristown, Tenn.

PURITY WHITE WYANDOTTES

Kellerstrass Strain WHITE ORPINGTONS
WHITE HOLLAND TURKEYS

Winners at Missouri Valley Show, American Royal and Missouri State Show, Kansas City, Mo., 1910. Stock for sale at reasonable prices, guaranteed to please. Book egg orders early, as demand is heavy. Send for mating list. **BELLAIRE FARM, R. F. D. 5, Box B-173, Kansas City, Mo.**

KIMBALLVILLE

THE FARM OF QUALITY

STOCK, DAIRY and POULTRY FARM
Operated in Connection with

THE NEW KIMBALL
ATLANTA, GA.

WILL V. ZIMMER, Proprietor

EGGS FOR SALE

S. C. White Leghorns, \$2 to \$3 per 15; Crystal White Orpingtons, famous Kellerstrass Strain, \$10 to \$15 per 15; Pekin Ducks, \$3 per 11; Indian Runner Ducks, \$3 per 11.

Give Us a Trial Order

Write for Prices on Our Stock

shows this year or merit by the club and the Standard of Excellence as well as the numbers shown at the various shows continue to show advancement. The feeling of the club members seem to be that the next big swing of the popularity pendulum is certain to be toward Black Orpingtons. A good many Orpington breeders who are impressed with the rapid growth of the Whites and also by their great laying records and early maturity are now turning to the Blacks, because the Blacks have all these virtues in even greater degree and then they do not become so easily soiled in the suburbs of a city, but always look splendidly clean even amid smoke and dirt. The fact that the Blacks won the two year laying contest of the Australian Government this year is also being well advertised by the club and this is sure to help the breed greatly. The club is planning this year to offer a silver cup in every State where ten new members are added this year and the State cup will go to the show for which most of the new members show a preference. That means a State cup for every State and for Canada, or at least sets the mark so low that any State that really wants a State cup can very easily get one by a little effort. Almost an entirely new set of officers were elected this year and they are hustlers. The best year of the club is evidently to be the coming year. All interested in Black Orpingtons are urged to join the club at once. Dues are \$1.00 per year. Club catalog for 4c contains the names of 400 active members.—MILTON W. BROWN, Sec'y, Cincinnati, Ohio.

TOO LATE!



Sneezing, wheezing, coughing, moping fowls; watering eyes and swollen heads—these symptoms every poultryman knows. They spell

ROUP

Don't be too late. Don't wait. Don't experiment. Get Conkey's Roup Remedy for the drinking water and let the chickens doctor themselves. A 50c box makes 25 gallons of medicine. Don't wait till your birds are dying or dead.

Prices Conkey's Roup Remedy, 50c, \$1.00. All Conkey remedies sold by dealers on money-back guarantee. Ask for the Conkey line—a special remedy for each distinct disease. The famous Conkey Poultry Book—revised, illustrated, 80 pages, free on request through your dealer or send stamps (4c) direct to us. (41)

THE G. E. CONKEY COMPANY
Conkey Laboratories
Dept. 17 Cleveland, Ohio

S. C. BUFF ORPINGTONS

My birds have proven their quality by winning at Louisville and Lexington, Ky., and Nashville, Tenn., in hot competition. I have a few birds for sale and can suit you in price. Pen eggs, \$2.00 and \$3.00 per 15; yard eggs, \$5.00 per 100. **JAS. H. WHEELER, Bohon, Kentucky**

WHITE WYANDOTTES of Quality

Heaviest Egg Strain in the State. Eggs—\$2.00 and \$3.00 per sitting, \$7.00 per 100. **BEAL & DAVIS** Gastonia, N. C.

Indian Runner Ducks, B. P. Rocks, Mottled Anconas

Greatest laying strains in the South. These breeds for beauty and money makers. **W. F. BAYLESS** : : : : **MORRISTOWN, TENN.**

Standard Bred S. C. BLACK MINORCAS

COMBINING GREAT UTILITY AND LAYING QUALITIES

Winners during the past season at Corydon, Ind., Missouri State Fair and Tennessee State Fair. Book your orders early for eggs. Quality rather than quantity is our motto.

E. S. DENBO & SONS : Box D, Orleans, Ind.

WANTED! "WHITE PLYMOUTH ROCKS"

Am now booking spring delivery orders for Eggs for Hatching at \$5 and \$10 per setting, expressage prepaid. Silver cup winners; wonderful layers; Fishel birds.

LYNN C. TOWNSEND
WEEDSPORT, : : : : : NEW YORK
STATE SECRETARY WHITE PLYMOUTH ROCK CLUB

Kellerstrass "Crystal" WHITE ORPINGTONS and "Ringlet" B. P. ROCKS

Eggs—\$3 and \$5 per 15. Guarantee a hatch of 9, or duplicate order for half price.

ROBT. M. COBB, Route 2, Newbern, Tenn.

Eggs From Prize Winning Stock for Sale

S. C. BLACK MINORCAS, BLACK ORPINGTONS, S. C. BROWN LEGHORNS and INDIAN RUNNER DUCKS. Strong, vigorous, farm-raised Ducks from imported stock. Price right. Stock for sale. MRS. J. F. CARROLL, Hohenwald, Tenn.

RHODE ISLAND REDS and INDIAN RUNNER DUCKS

S. C. and R. C. Rhode Island Red Eggs—\$1.50 and \$2 per 15; \$7 and \$10 per 100. Indian Runner Duck Eggs—From 225 egg strain, \$1.50 per 12; \$5 per 50. A few S. C. and R. C. Red cockerels for sale, \$1.50 to \$3 each. Indian Runner Drakes, \$1.50, to \$2.50 each. No more Ducks for sale. Orders given prompt attention. J. C. CATE, Milan, Tenn. R. 5.

S.C. White Leghorns

Winners at Birmingham, Ala., 1910

EGGS—\$1.50 per 15
\$7.00 per 100

PAUL W. BARCLIFT, Hartselle, Ala.

ORPINGTONS

BUFF and WHITE

Correct in type, color, quality and breeding. Eight grand pens for 1911. Four superb imported males (my own importations) and four American bred—no better on American continent. Stock for sale and EGGS FOR HATCHING. Illustrated mating list free.

G. A. KEEFER

Edgemere Farm Muskegon, Mich.

Brooksville POULTRY YARD

SOLON NEFF, PROPRIETOR

A few high-grade Barred Plymouth Rock males and females for sale. The cockerels and pullets have been bred for health and vitality; also for egg-making, as they are from a hen that made me 221 eggs in one year. The sire of this stock is a fine show bird.

Cockerels, each, \$5 and \$7

Pullets, each, \$4 and \$5

Eggs for 15 for hatching, \$4.50

Eight eggs out of 15 guaranteed to hatch. Eggs at \$4.50 per 15 is 30c per egg, and if I fail to have the eggs to replace free of charge, I can return the amt. at 30c per egg, which change is easy to make.

SOLON NEFF

BROOKSVILLE, HERNANDO CO., FLA.

Wolfe Creek Poultry Yards

BARRED PLYMOUTH ROCKS

EXCLUSIVELY

At Abingdon, Va., Jan. 1911, I won 1st and 4th cockerel, 3d and 4th pullet, 1st and 2d pen, silver loving cup for best display in American class. Eggs—\$2.00 per 15.

SATISFACTION GUARANTEED

M. H. SMITH, Proprietor

102 Bradley Street ABINGDON, VA.

BUFF ORPINGTONS

LARGE, HANDSOME, VIGOROUS BIRDS

Real Orpingtons in size, type and color. Running over with show quality and are great winter layers. Seven years a successful breeder and exhibitor. Few eggs from each of my four yards furnished to those who want straight, honest goods at reasonable prices.

DR. C. L. GRAY : Cozy Nook Orpington Farm : Lebanon, Tenn.

Going Wild Over Poultry

Humboldt, Tenn., has gone wild over the poultry business and back yards, pieces of gardens, and in some instances, front yards have given place to poultry coops and pens, and family rooms and parlors are harboring places for incubators—in fact, almost half the families in the main residence portion of the town are trying their hands at raising poultry, and they are beginning with the finest stock fowls they can get.

This tendency was given an impetus by the Gibson County poultry show, which was held there last fall, which exhibition aroused a local desire to raise similar fowls to the ones shown.

A Correction

Through mistake of printer I am credited with third hen in S. C. Buff Orpington class at the Appalachian Exposition Poultry Show, Nov. 1910. My winnings in hen class were 1st, 4th and 5th. Mr. Thomas, of Georgetown, Ky., won 3d. I am glad of this opportunity to correct this mistake of the printers.—MRS. S. C. BRIDGEWATER.

Annual Ancona Club Meeting

The annual meeting at the Hollenden Hotel was called to order by President Sheppard. The secretary being absent, Robt. A. Tierney was appointed acting secretary. A large number of active and enthusiastic members were present.



BRED FOR LAYING Ten Years Careful Breeding.

35 Best breeds poultry. See my big circular, illustrated in colors, before you place that order for stock or eggs. Price reasonable. It will please you. It's FREE—2c. stamp for mailing.

JOHN E. HEATWOLE,
Harrisonburg, Virginia.



EGGS FOR HATCHING
A SPECIALTY.

\$2.65 for \$1.50

Southern Fruit Grower
Monthly—50c a year

Progressive Farmer
Weekly—\$1 a year

The Industrious Hen
Monthly—50c a year

Copy of "Hen and Chicks"

300-page poultry book—50c

One Dozen Leg Bands

15 cents Total, \$2.65

Four publications and
one dozen leg bands
will be mailed for...

\$1.50

Send Orders to

THE INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

Single Comb White LEGHORNS

Are you interested in getting the best in SINGLE COMB WHITE LEGHORNS? Then write to us for prices on eggs for hatching. We only made three shows last season, but we carried off five firsts, two seconds, one third and three specials. Our strain has proven our claim by always pleasing our customers. Satisfaction guaranteed. We have more and better matings this year than ever before.

TURLEY & SCOBEE, Box A, Mt. Sterling, Ky.

REFERENCE—TRADERS NATIONAL BANK

WINGERT'S INDIAN RUNNER DUCKS

TRUE FAWN AND WHITE STRAIN

WE have demonstrated that we have the correct shape and color in the Indian Runner Duck, by our wonderful winnings at such great shows as Chicago, Memphis and Indianapolis. If you want eggs from these beautiful ducks with correct shape and the greatest of layers, we have them at \$2 per 13 eggs and \$10 per 100. Eggs from special matings of my Chicago, Memphis and Indianapolis winners, \$5.00, \$10.00 and \$15.00 per 13.

J. J. WINGERT, Box W, Crawfordsville, Ind.

Big Incubator Value



Send for Free Book

Successful Incubators have always been superior to all others. This year they are better than ever before and the price is lower. Get our direct-to-you proposition and Big FREE Book and low price before you pay a cent for any incubator. We want to prove to you that this is the biggest real value ever offered.

Successful Incubators

have 20 years experience back of them. Every fault of others eliminated. New special features developed this year. Ventilation, heating, regulation—all perfect. Don't experiment. Get a SUCCESSFUL—the sure, certain money-maker. Get our price and book NOW. If you want booklet on "Proper Care and Feeding of Chicks, Ducks and Turkeys," send 10c. Catalogue is FREE. Write postal.

Des Moines Incubator Co., 364 Second St., Des Moines, Ia.

The membership having more than doubled in the past year.

The exhibit of Anconas was conspicuous in the big Cleveland show, the entry being very large and all classes well filled. The quality of the birds demonstrated what a grand improvement has taken place in this handsome and profitable breed in the past few years.

Vice-president Beebe, of Connecticut, was on hand, and as usual had some fine birds at the show. A communication was received from Rev. W. Bockstahler, expressing his regret for being unable to attend the meeting, and his belief in a successful future for Anconas. The



First Rhode Island Red Cock at Ashley, Ohio, 1910. Bred and owned by White Bros., Sunbury, O.

report of the annual meeting in 1910, as reported in the Year Book, was read and approved. The report of the Revision Committee on the Standard for Anconas was received. The report was adopted as it appears in the 1910 Year Book with the exception of the plumage of the female, which was amended to read as follows: "The plumage of the female has the same description as for the male, but the gloss of the plumage need not be as pronounced as the male."

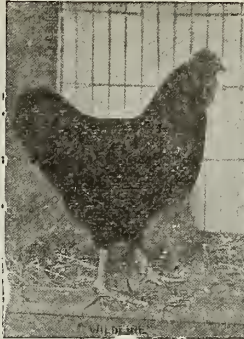
The following officers were elected for the ensuing year: President, H. Cecil Sheppard, Berea, Ohio; Vice-president, Dr. Guy Blencoe, Alma Center, Wis.; 2d Vice-president, B. C. Neely, Denver, Colo.; 3d Vice-president, H. E. Beebe, Waterford, Conn.; Canadian Vice-president, W. M. Coats, Vancouver, B. C.; English Vice-president, J. W. Sykes, Bury, Lanc.; Mexican Vice-president, Dr. W. H. Tye, Durango, Mex.; Cuban Vice-President, C. A. Rice,

RHODE ISLAND REDS

OUR ROSE COMB REDS

Swept everything before them at Nashville, Tenn., Sept. 1910, winning every 1st, 2d, 3d and 4th. At St. Louis, Nov. 1910, they won every 1st, 2d, 3d and 4th. At Indiana and Illinois State Fair, 1910, they won all prizes but two 3ds. At the Great Kansas City Show, Dec. 1910, they won 1st and 2d cock; 1st, 2d, 3d, 5th hen; 3d, 5th cockerel; 1st, 2d, 3d, 4th, 5th pullet; 1st, 3d pen in the longest and hottest class of Reds ever brought together. Send for our mating list

EGGS—\$3 to \$50 per setting.



Our Single Comb Reds

Have won the leading prizes at Indiana and Illinois State Fairs. At Nashville, Tenn., we won 1st cockerel and special for best bird in show and other prizes. At St. Louis, Nov. 1910, we won 1st, 2d, 4th cocks; 1st, 2d, 3d hen; 1st, 3d cockerels; 3d pullet; 2d pen in class of 300. Besides this we have sold winners in many of the longest and most prominent shows of the country. Send for free mating list.

EGGS—\$3 to \$15 per setting.

Have you seen the Origin and History of Rhode Island Reds and how to mate and line-breed them? It will be sent for 10 two-cent stamps.

For Rose Combs address
C. L. BUSCHMANN,
4955 N. Meridian Street.

INDIANAPOLIS, IND.

For Single Combs address
W. C. PIERCE,
4965 N. Meridian Street.

TRADE
Chicko

MARK

ROUP AND COLD REMEDY

Unsurpassed for Bronchitis, Canker, Catarrh, Dyptheria, Pip, etc. Absolutely guaranteed. Sample for 6 cents (stamps or coin), to cover cost of mailing.

HENRY W. DICKER

Dept. 5, Cleveland, Ohio

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. EGGS—Prize mating, \$5.00; Special mating, \$2.00—half price after May 1st. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL, Birmingham, Ala.

Allison's S. C. WHITE LEGHORNS

I now have my pens mated up and am prepared to furnish eggs from my prize-winning and bred-to-lay stock. I am selling eggs at \$2.50 per setting from a pen in which every bird is a prize winner. Others as cheap as \$1.00 per setting. My birds have won at Louisville, Kentucky State Fair and Chicago. Incubator eggs, \$6 and \$10 per 100. I guarantee satisfaction. Write me. THOS. S. ALLISON, 28th and Steven Streets, LOUISVILLE, KY.

"BEST IN THE SOUTH"

SINGLE COMB WHITE LEGHORNS

THE LAYING KIND—THE PAYING KIND

Pure Young strain, bred especially for Heavy Egg Production and prize winners. Vigorous stock and prolific layers. My specialty—Day-Old Chicks, \$15 per 100. Safe delivery guaranteed. If you want the BEST in Single Comb White Leghorns write to me.

O. T. HALLMAN : Box 691 : Charlotte, N. C.



"THE PRESIDENT," Hatched and Reared by Galesburg Fancy Poultry Plant.

The Dr. Holloway Strain of Standard, Line-bred S. C. White LEGHORNS

NOW READY The Spring issue of the handsomest Single Comb White Leghorn Circular in America. You need it and you will not throw it away. 10 cents, stamps or coin, secures the Spring and Fall issues. Matured Cockerels and Pullets, Choice Eggs and Day-old Chicks. All shipped in the most up-to-date manner. We breed for Winter Layers and Exhibition Birds—eggs and ribbons. Blood tells every time!

WRITE TODAY

DR. J. C. HOLLOWAY, Mgr. Galesburg Fancy Poultry Plant
82 North Henderson St., GALESBURG, ILL.

QUALITY WHITE

We Do Not Have to Buy 'em To WIN

INDIANAPOLIS, FEB. 1911
First Pen—"Bill" and four pullets.
Second, third and fifth Cock.
Third Cockerel.
National White Wyandotte Club
State Cup for Best Display.

CHICAGO, Dec. 1910
First Pen—"Caesar" and four hens.
Second and fourth Cock.
Fifth Cockerel.
Fifth Pullet.
\$50.00 Cup for Best Display.
\$25.00 Cup for Best Two Birds.

Every bird shown bred and raised on our farm. **STOCK AND EGGS FOR SALE.** We invite investigation and guarantee satisfaction.

PANGALOW FARM R. 12, Indianapolis, Ind.

WYANDOTTES

CLINCHFIELD POULTRY YARDS

LEAD THE WORLD IN

STANDARD RHODE ISLAND REDS

AND ARE BEST LAYERS

More than a dozen Grand Pens scientifically mated. Many fine hens now in active business. Two Championship Pens, Three Grand Prize Pens, Select Matings, Utility Pens, etc. **Fresh Eggs for sale** at all times at from \$2 per setting to \$15; and from \$7.50 per 100 and up. Half hatch guaranteed or eggs replaced at half price. Orders booked ahead when accompanied by cash are shipped in the order received. We can ship eggs direct from the identical M. S. Gardner stock, which was bred and mated by that eminent poultry judge and Red breeder, as well as from the best choice of the prize-winning stock of the late Dr. L. B. Cook, of Stanford, Ky. A large number of fine birds, both males and females, now ready for sale at right prices. Mating List for 1911 and Big Show Record Free.

CLINCHFIELD POULTRY YARDS

GEORGE LEE WOLFE, Prop.

ROGERSVILLE, TENN.

REAL RED RHODE ISLAND REDS

SINGLE COMB

Winnings for 1910: At Minden—1st cockerel, 1st and 2d pullet, 1st pen. At Monroe—1st cockerel, 1st, 2d and 3d pullet, 1st pen. At Shreveport—(In a class of 27 cockerels), 2d cockerel. Only one pen entered at each Fair. All my hens and pullets have been laying steadily through October, November and December. Eggs—\$1.50, \$3.00 and \$5.00 for 15. Pens mated since December 1st. A few good utility pullets and cockerels for sale at sacrifice prices. Correspondence solicited.

CHARLES M. ROBERTS, Minden, La.

MILLER'S PARTRIDGE ROCKS

Are the winners once more. 1st cock, 1st and 2d hen, 3d pullet, 2d pen, and also all specials in this class. All egg orders booked now. Come on, boys, and get in with the rest of us. EGGS: \$10, \$8, \$5, \$3 per 15. Send for mating list.

H. C. MILLER

751 Elma Street, AKRON, OHIO

Plant's S. C. R. I. REDS

Winners at Georgia State Fair (The Quality show), Macon, 1910: First cockerel, class of 25; first hen, class of 17; first pen, class of 12; and second pullet, class of 25. **Largest and Best Display of Reds, both combs competing.** A few choice cockerels for sale at \$5.00, \$10.00 and \$15.00 each.

EGGS—\$1.50, \$3.00 and \$5.00 per 15. SATISFACTION GUARANTEED.

R. H. PLANT Box 50, Route 1 Macon, Ga.

BROWN POULTRY FENCE

STOCK STRONG—RUST PROOF
Costs No More Than Netting yet will last five times as long. Made of extra heavy double galvanized, Rust Proof wires. No top or bottom boards and less than half the posts required. Chick Tight—Bottom wires only 1 inch apart. We have 200 styles, also Lawn Fences and Gates. We can save you money. Send for Catalog. The Brown Fence & Wire Co. Dept. 37 Cleveland, O.

FARM FENCE

13³/₄ cts. a rod
For a 20-inch or 15 cts. for 26 in. Hog Fence; 28 cts. for 50-inch poultry fence. Sold direct to the farmer on 30 DAYS FREE TRIAL. Special barb wire, 80-rod spool, \$1.45. Catalog free. INTERLOCKING FENCE CO. BOX 36 MORTON, ILLINOIS.

Cama, Cuba.; Sec'y Treas., Jno. W. McNary, Bannock, Ohio, in place of W. P. McNary; Auditor, Rev. W. Bockstahler, Evansville, Ind.; Counselor, Edwin A. Hiatt, Attorney-at-Law, Piqua, Ohio; Election Commissioner, E. J. Lynch, Cashier Cleveland Trust Co., Painesville, Ohio; Executive Board, Albert Cleveland, Salem, N. Y., H. M. Bedford, Strongsville, Ohio, Capt. F. M. Munger, Santa Rosa, Cal.

The president was requested to convey to W. P. McNary, the retiring secretary-treasurer, the thanks of the Club for the faithful and efficient services rendered.

Western Wyandotte Club

The Yearbook for 1911 of the Western Wyandotte Club is now ready to mail and a copy may be had of Kenneth E. Penny, asst. secretary, Barry, Ill. All western breeders are invited to join this club.

Denver's Invitation

Dear Friend and Fellow-Poultryman:

The Colorado Branch cordially invites you and every other member of the A. P. A. to meet at Denver with the 36th annual convention of the association next August. We do not ask you to vote; we ask you to come.

We want you to help make this the greatest meeting of the A. P. A. on

EGGS FOR SALE

Two yards of handsome **Mammoth Bronze Turkeys**, second to none in Tennessee—the banner turkey state. A 48 lb. yearling tom, as near perfect as they make them, heads one of my yards, and a 35 lb. cockerel, a close second in quality, heads the other. 9 females of extra size and beautiful plumage, are mated with each of them. Four yards of **B. P. Rocks**, all excellent individuals of very best strains. Also **White Pekin Ducks**. MRS. W. J. LANDESS, R. 5, Fayetteville, Tenn.

R. C. R. I. REDS

(Chase & Sibley Strains.)

Good rich red salmon under-color, red eyes, yellow legs. EGGS, \$1.50 to \$3.00 per 15.

MRS. L. SCHNEE, R. 5, Box 71, JONESBORO, ARK.

NORTHWESTERN POULTRY YARDS

High-class Silver-Laced Wyandottes exclusively. Chicago winners and others too numerous to mention. Some choice cockerels for sale. Stock and eggs. H. F. BERGER, South Chicago, Ill.

ROGERS' MONEY BACK**Poultry Punch**

The only guaranteed punch made. Cuts clean and works easy, and you see what you are doing. Made in two styles. Plain at 25c; nickel-plated and heavier, 35c. Money back if not satisfied.

T. W. ROGERS

Box H Lamont, Iowa

White Plymouth Rocks

Exclusively for Years

3 yards mated for eggs. 1st and 2d premium birds at Lexington, Frankfort and State Fair. \$3, \$2 and \$1.50 per 15; \$5 per 100, range. A few nice cockerels and pullets for sale.

MRS. JERRE B. NOLAND Richmond, Ky.

WHITE WYANDOTTES

LARGE, WHITE, VIGOROUS, HEAVY LAYERS.

EGGS FROM Best Pens, \$2 per 15; \$3.50 per 30; Excellent Utility Stock, \$1 per 15; \$5 per 100. A good hatch guaranteed. Stock for sale.

ROY C. McUMBER

Greenfield : Tennessee

HUMPHREY'S Single Comb WHITE LEGHORNS

Win at Madison Square Garden, Boston, New York State Fair and Cleveland, Ohio. Young stock for sale only. Cockerels \$3, \$5 and \$10 each. Pullets \$1.50 and \$2 each. Eggs for hatching after Feb. 1. H. E. HUMPHREY Box 603B Greenwich, N. Y.

S. C. BUFF ORPINGTONS ONLY

*Certified Best in America by Judges
and World Breeders : : : : :*

Won ten Silver Cups, 23 Ribbons, besides Special Club Ribbons, at the great Appalachian Exposition Poultry Show, where I met in competition, originator of breed and Southern Division of National Club Show, my birds winning easily first honors in class. Won first honors in class at great Tennessee State Fair. Special Silver Cup for "Emily," first hen in Show.

Mrs. S. C. Bridgewater, Breeder, Importer and Exporter Dixon Springs, Tenn.

S. C. BUFF ORPINGTONS**The Kind That LAY, WIN and PAY**

Winners in a class of 180 Buffs at Augusta show. Classed with world's best. WINNINGS—1st hen, 2d cock, 4th pullet, 3d and 4th pen. Stock for sale that will win for you and breed you winners. Address

ROSE HILL POULTRY YARD**O. A. MUSE, Prop.**

Box 4, Decatur, Ga.

record. We want to make it great as a working convention, and great as a visit both for you and ourselves. We want to meet you and become acquainted with you. We want you to see nature in her grandest moods and which she displays nowhere as in Colorado. We pledge ourselves to make the trip one of the red-letter events of your life, and one you will be proud and glad to have made.

We shall be disappointed if we have less than one thousand guests—one thousand of America's foremost poultrymen; we shall be disappointed if you do not come; we want your vote, but still more we want you.

We shall keep in touch with you even after we have your vote. We shall send you programs and literature that will tell you what we have in store for you. We shall plan the itinerary so that it will be a great convention on wheels. We want to honor our retiring president and the executive board by taking them—and you—through the heart of the central and western poultry strongholds straight to the slopes of the Rockies.

The round-trip rate from New York will be approximately \$63.90; from Boston, \$66.85; from Washington, \$60.15; from Pittsburg, \$49.65; from Indianapolis, \$39.45; from Chicago, \$30; from Missouri River points, \$17.50.

We hope you can allow yourself this holiday. Mark your nomination and

SUGAR BEETS "Majestic Wonder" 15 tons to acre; 18 per cent. sugar; finest feed for poultry, stock and cows yet introduced. Price, 1 lb. 75c. postpaid; 5 lbs. Ex., \$3. MAJESTIC FARM, Marshallville, Georgia.

**INOCULATION of FOWLS
A Startling DISCOVERY**

Science has discovered a treatment for cholera, roup and white diarrhea, which is receiving the commendation of America's leading fanciers. These three germ diseases have turned thousands of optimistic poultrymen to pessimistic poultrymen. Inoculation with Oculum solves the problem. Oculum is a wonder worker. It cures and prevents these diseases without question. Its reputation is growing by leaps and bounds.

"OCULUM"

REGISTERED TRADE MARK

The worst cases of roup, cholera and white diarrhea readily yield to Oculum. Fanciers say its success is unbelievable. Poultry losses turned to profits. Death rate greatly reduced. Egg yield increased. Oculum has destroyed the hatchet, the only known remedy for those diseases. Inoculated poultry, turkeys, pigeons and other fowls are healthy and their weight increased. Send for Oculum and inoculate your whole flock as a preventive.

A. C. HAWKINS, Lancaster, Mass., breeder of America's Best Plymouth Rocks and Wyandottes, recommends Oculum to poultry fanciers:

November 28, 1910.

The Hancock Inoculum Co., Salem, Va.

Dear Sirs—I have been using your new remedy, Oculum, on some of my valuable birds and it has produced good results. You surely should have a large sale for the remedy when its qualities become known among poultry fanciers.

Wishing you success, I am, Yours truly,
A. C. Hawkins.

Ask your dealer for Oculum. If you cannot get it send us dealer's name and 25c for trial bottle or dollar for large bottle. If it fails to do all we claim, we will return your money. Circular and testimonials free on request. Send for Oculum today and we will mail it to you tomorrow.

HANCOCK INOCULATUM COMPANY, Inc.

Box 4, SALEM, VIRGINIA

FOR SALE Fine old country-cured Hams, Lard and Bacon. Write for delivered price.

J. E. HARRIS

109 W. Jackson Avenue KNOXVILLE, TENN

The SOUTHERN PLANTER

The South's Oldest, Largest and Best
Farm Magazine

and THE INDUSTRIOUS HEN, both one
year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.**SILVER WYANDOTTES**

My birds have won their share of prizes at Knoxville, Augusta, Asheville, Wadesboro and Spartanburg. Look up their record. Eggs, \$3.00 per setting of 15.

GABRIEL CANNON, Spartanburg, S.C.**FOR SALE****EGGS and COCKERELS**

Am selling eggs from S. C. White Leghorns, Black Minorcas, Partridge Wyandottes and Barred Rocks at

\$2.00 and \$3.00 per 15

Prize winners at Knoxville. A few Leghorn cockerels for sale. Also a pen of Black Minorcas. Satisfaction guaranteed.

S. E. TRUAN, Fountain City, Tenn.

Robert's "FAMOUS"



Rhode Island Reds White Wyandottes

Built up by the Trap-Nest Individual Record System for Heavy Laying and Fancy purposes. Won at Huntsville, Chas. I. Fishel, of Hope, Ind., Judge, Dec. 1-4, 5 firsts, 5 seconds, 2 thirds, 2 fourths, 5 specials on Wyandottes. At Birmingham, won 1st cock S. C. R. I. Reds in biggest class of Reds ever assembled in the South. Winnings in two shows (1909), 29 regulars and 7 specials. Won at the great Appalachian Exposition Poultry Show, Oct. 5-12, 1910, 1st cockerel in Rhode Island Reds, and 4th cock, 5th hen and 5th pullet in White Wyandottes. Won again, at Huntsville, 5 firsts, 5 seconds, 5 thirds, 2 fourths and several specials, including grand sweepstakes prize, December 29-31, 1910.

Eggs for sale. Book FREE.

W. T. ROBERTS, Gurley, Ala., Box 122.

J. B. MILLER Breeder of EXHIBITION BARRED ROCKS

of the winning kind. Eggs for sale from both matings. Winners at the great Cleveland Show—4th and 5th cockerels on 3 entries, 1910; 2d pen and 5th cockerel, 1911, and cleaned the deck at Clyde, Ohio. J. B. MILLER : : : : : ROUTE No. 1, BELLEVUE, OHIO.

S. C. White LEGHORNS

I have only the one strain—D. W. Young's. If you want to win, you are compelled to have this strain. Better get in line and place your orders early for eggs to be sure of getting them when wanted. My mating list is free.

S. F. SHALLCROSS : Box 12, Odessa, Delaware

CHOICE POULTRY YARDS

Nine varieties—S. C. White and Brown Leghorns, S. C. Black Minorcas, White Wyandottes, R. and S. C. R. I. Reds, Buff Orpingtons, S. S. Hamburgs and B. B. Red Game Bantams. Won higher honors at recent shows than ever before. Quality surpassed by none and equaled by few. Prices of stock, eggs and chicks reasonable. Satisfaction guaranteed or money refunded. Reference—Bank of Waynesville.

J. P. SWIFT & SON - Waynesville, N. C.

Catalog containing valuable information, FREE.

McDAVID WORLD'S BEST PARTRIDGE ROCKS

At the Illinois State Fair, Montgomery County Show, Missouri State Show and Illinois State Show, during 1910, my Partridge Rocks have caused more comment by their winnings, shape, size and beauty than all the other breeds taken together. If you want a bird that will mature early, breed true to color, good rustlers on the range, and that lay all the time, then get the Partridge Rocks. My birds have "Quality" stamped all over them by their magnificent winnings, and as layers they have no equal.

CEDAR GROVE FARM, G. U. McDavid, Prop., Irving, Illinois.

Fogg's S. C. W. LEGHORNS

Are Bred for HEAVY LAYING and EXHIBITION QUALITY

If you want the Best for Foundation Stock or New Blood, send me your orders for Eggs for Hatching and Baby Chicks. No order too large or small. My Mating List tells all about them. Write for it now : : : : :

N. V. FOGG, Box A, Mt. Sterling, Ky.

KNOXVILLE

The greatest poultry market in East Tennessee

WHITE ORPINGTONS

Chicks from my eggs weighed

2 POUNDS, 2 OUNCES AT 8 WEEKS

Stock—Eggs—Baby Chicks.

MRS. L. P. SHANKS, 1785 Yale Ave., Knoxville, Tenn.

election ballots *Denver* and then make up your mind that you must and will come.

Cordially yours for a larger, greater and better A. P. A., and for the greatest of all conventions,

The Colorado Branch.

New Harper Publications

Harper & Brothers announce the publication of a new novel, "The Skipper and the Skipped," by Holman Day, author of "The Ramrodders" and "King Spruce." The same firm is adding this week "The Woodlanders" to the thin paper edition of Hardy's novels, in both limp leather and cloth bindings.

Sixth Annual Fair

The State Fair of Louisiana will hold their sixth annual Fair from October 31st to November 5th, 1911.

It is the intention of the management to make the poultry show this year larger than ever before, and to that end are now soliciting the co-operation of all the breeders to join in and exhibit at this Great Southern Show.

At a meeting of the Executive Committee the names of the different judges were presented and Mr. D. M. Owen of Athens, Tenn., was selected as judge for 1911. Every poultry breeder making the State Fair will have the assurance of having their birds judged by a man who is capable and well liked throughout the country, and we

Macnair's Chicken Powder

is Life to Chickens and Turkeys;
Death to Hawks!

Cock of the Walk



"HAWK"

The Barn Yard Robber.



I take Macnair's Chicken Powder and feed my children with it too. Look at me and observe the Hawk. Cock-a-doodle-doo.

Died after eating a chick of that old Rooster, which had been fed on Macnair's Chicken Powder.

Alas! Alas!
(Trade Mark)

Macnair's Chicken Powder

Kills Hawks, Crows, Owls and Minks.

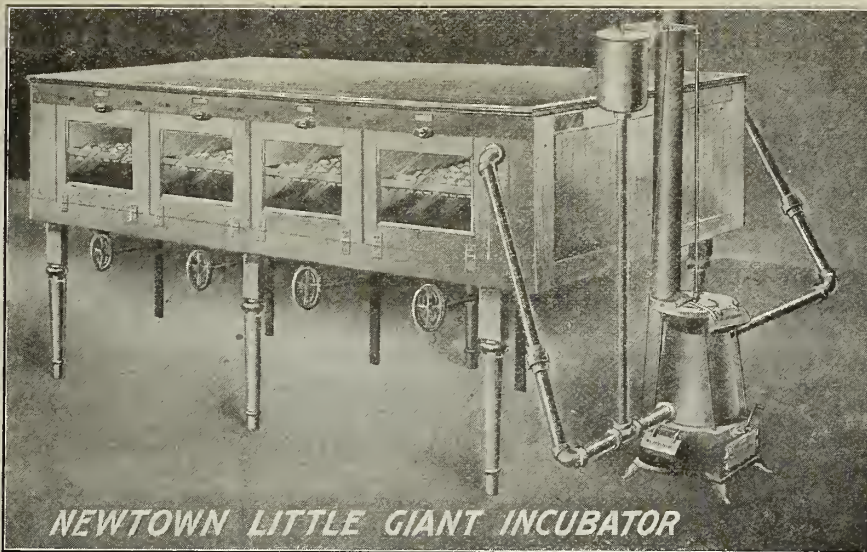
Best remedy for Cholera, Gapes, Roup, Limber Neck, Indigestion and Leg Weakness. Keeps them free from Vermin, thereby causing them to produce an abundance of eggs.

Price 25 and 50 Cents.

MANUFACTURED ONLY BY

W. H. MACNAIR, Dept. H, TARBORO, N. C.

Sample Package 25 Cents with Your Dealer's Name.



Hatch 1200 Chicks at a Cost of Less than One Cent a Day

Whether your hatch be large or small makes little difference with a Newtown Little Giant Incubator. The cost is almost nothing in either case. Put in 150, 300, 600 or any number of eggs up to its full capacity of 1200 eggs and the hatching expense is always less than a cent a day.

From the standpoint of operating expense alone the Newtown Little Giant is the machine for you to buy. Your hatches are not too small. No matter how few chicks you want to hatch at a time, you can do it cheapest in the Newtown Little Giant Incubator. Compare the cost with that of running small lamp-heated machines, which consume from 15 to 20 cents worth of oil a day and see the saving.

Decreased operating expense is only one of the great features of the

Newtown Little Giant Incubator

Its hard coal-burning heater positively requires attention only twice a day. No getting up at nights to look after lamps. Only a few minutes time required morning and evening.

It is an incubator that can grow. That suits it to any business, smallest to largest. With a minimum capacity of 1200 eggs, which is operated at un-heard-of low cost, you can increase to any size, even to a 24000 egg machine, by adding units of 300 eggs each.

Hatches both chicks and ducks. Since hen eggs and duck eggs require different temperatures, provision is made for raising and lowering trays, to suit the kind of eggs being incubated or the time they have been in the incubator.

The incubator of big hatches and strong chicks. Chicks are larger, healthier and better developed than chicks hatched in other machines. We show you the actual proof.

Chicks do not stick in the shell. They come out wet and clean, and they actually weigh eleven per cent more on the average than chicks hatched in any other machine.

We have a grand new feature in our tray raising device. It is the one tray lifter which actually works. No other like it. It has a positive movement. A few twists of the wrist raises or lowers tray as much as twelve inches. Tray never falls and never smashes the eggs as in other large incubators.

BEST OF ALL LARGE BREEDING SYSTEMS

Same incomparable heating system as in the Giant Incubator. Each compartment regulated separately. That suits it to broods of different aged chicks. Newly hatched chicks and those 2 weeks, 4 weeks or 3 months old can be brooded side by side, each egg getting the amount of heat that is required. Always plenty of fresh air. Chicks can remain until 3 months old and grow every minute. You know and every poultryman knows that "leg weakness" is the bane of artificial brooding. There's none of it in the Newtown Giant Brooding System. The Brooding System can be extended at any time. It grows the same as the Incubator grows. Let us send you proof. Write for Catalogue I.

NEWTOWN PRODUCING CO., Newtown, Pa., U. S. A.

know Mr. Owen will be satisfactory to all.

At a meeting of the Louisiana Poultry Breeders' Association, held in Minden, La., Feb. 23, it was decided to accept membership from all responsible breeders, and an extra effort would be made to secure 250 members this year; the membership fee being \$1.00. should this number of members be secured, \$200 will be set aside for two Loving Cups to cost \$100 each, and will be offered for the best pen parti-colored birds and the best pen solid colored

Single Comb **WHITE LEGHORNS** and **RHODE ISLAND REDS**

Heavy layers; eggs a specialty. Standard in size and color; good for business, beauty and for show. Eggs, \$1.50 a setting.

PINE BURR POULTRY FARM : Morristown, Tenn.

Single Comb **RHODE ISLAND REDS**

Eggs from our large, vigorous, winter-laying "Red Egg" strain. Packed to hatch after long shipment. Safe arrival and 75 per cent. fertility guaranteed. Circular.
RED EGG FARM, Box 647H, : : : ST. PETERSBURG, FLA.

IMPORTED INDIAN RUNNER DUCKS



One of the best strains in America. A record of 225 eggs a year. Eggs—\$1.00 per 13. Day-old ducks—50 cents each.

S. C. WHITE and BROWN LEGHORNS

Eggs—\$1.25 per 15.

THE ALPINE EGG FARM

S. H. RIGGS & SONS

Route 3, Morristown, Tenn.

BUTTERCUPS

as good as the best in color, in combs and laying. Eggs, \$2 per 15; \$3.50 per 30.

S. C. BLACK MINORCAS

They always win 1st and 2nd wherever shown, and are extra good layers. Eggs, \$2.00 and \$3.00 per 15.

WHITE WYANDOTTES

At last showing won 9 prizes on 9 entries. Eggs, \$2.00 per 15; \$3.50 per 30.

J. B. SANDER, R. 7, Box 99, PADUCAH, KY.

FRANK'S Single Comb RHODE ISLAND REDS

Won best cockerel in show at Nashville, 1909; first cockerel, Memphis, 1910. Free catalogue giving many other winnings. Eggs, \$2, \$5, \$10 and \$15. Heavy Laying Strain.

JAS. M. FRANK, 204 Cherry St., Nashville, Tenn.

EGGS WINNERS and LAYERS EGGS WHITE WYANDOTTES EGGS

Bred for utility as well as beauty. Have won blue ribbons at Montgomery, Birmingham and Meridian repeatedly. EGGS—\$2 and \$4 per setting. MAMMOTH PEKIN DUCKS, the largest in the South; never beaten in the show room. Will weigh as much as 13 pounds. EGGS—\$1.50 per setting. All inquiries promptly answered.

OLIVER RUTHERFORD, Eutaw, Ala.

"RINGLET" BARRED PLYMOUTH ROCKS

At the Louisville Show, January, 1911, my birds won 1st pullet, 2d cockerel, 2d cock and 3d pen. Six grand pens mated to supply the egg trade at \$2 per 15; \$3.75 per 30; \$5 per 50. Incubator eggs, \$5 per 100 from large, vigorous, winter layers.

A. G. CALLAWAY : 38th and Market Sts., LOUISVILLE, KY.

FELMET'S S. C. BROWN LEGHORNS

WIN AT ALL THE BIG SHOWS

I won at Atlanta, Ga., Jan. 9-15, 1911, the "Madison Square Garden Show of the South," 3d cock, 2d and 3d hen, 4th pullet, 1st pen. At Asheville, N. C., I won 4 firsts, 2 seconds, 3 thirds, 3 fourths, and "Industrious Hen" cup for best pen in show, all varieties. Also cup for highest scoring cockerel in show. A few choice cockerels for sale. A few eggs from my best pens at reasonable prices.

W. V. FELMET : Prop. West Asheville Leghorn Yards : Asheville, N. C.

COVERT'S BARRED ROCK FARM

Stock and eggs for sale from celebrated Chicago, Buffalo and State Shows. WINNERS: Chicago Show, 3 pens entered—won 2d pen matings, 2d cockerel matings, 3d exhibition, 3d cock, Buffalo—3d, 4th, 5th cock; 2d hen and 1st cockerel; 2d and 3d pen; 1st cockerel receiving every special in the class. At Wooster, O.—2d, 3d, 4th cock; 1st cockerel; 3d and 4th hen; 1st pullet; 1st and 2d pen.

D. M. COVERT, R. 2, Box 9, Willoughby, Ohio

BLACK WYANDOTTES

"THE KRAYS OF THE DAY"

My plant contains practically all the prize winners from Madison Square, Cleveland, Boston, Chicago, Cincinnati and St. Louis Exposition. Booking egg orders. Send for free mating list.

FRANK C. SITES : : North Dover, Ohio

Barred Rocks, Light Brahmas and ALL Varieties



Farm raised and mated for best results. Our various breeds are bred to Standard requirements and can prove their merits in the show room and egg basket. EGGS—\$2.00 per 15, straight. We are also selling eggs from prize winners at \$3.00 and \$5.00 per 15.

KNOX POULTRY YARDS

Box 564, Knoxville, Tenn.



birds. Any breeder winning the cup twice to become the owner of same.

\$1,000 has been set aside for cash prizes for poultry breeders this year, and the catalogue will be revised as far as premiums are concerned, and this year there will be more premiums offered.

Any breeder desiring to join the Louisiana Poultry Association can secure a membership card by writing to Secretary Louis N. Brueggerhoff at Shreveport, who is also secretary of the State Fair of Louisiana.

We offer a liberal CASH commission to subscribers or non-subscribers who will consent to look after our subscription interests in their locality, or at coming poultry shows. Try this as a side issue and add to your pocket money. THE INDUSTRIOUS HEN speaks for itself and you will have no trouble in getting subscribers.

Write for our best terms to agents. Sample copies and receipt books are furnished at no cost to you. Address THE INDUSTRIOUS HEN Co., Knoxville, Tennessee.

Holds Annual Meeting

The annual meeting of the Chattanooga Poultry Association was a very enthusiastic one and the following officers were elected: President, H. Humphreys; 1st vice-president, W. J. Townlev; 2nd vice-president, W. E. Jelf; Treasurer, H. W. Durand. Executive Committee, the elective officers with J. A. Shipp, Dr. J. A. Settiff and E. M. Condra. The next show will be held Dec. 11-16, 1911.

White Wyandottes

All of my breeders are above standard weight, pure white and line bred. Eggs, \$2.00 per 15.

H. E. MONTGOMERY, Meridian, Miss.

Dixie Strain S.C.R.I. Reds Dixie Strain Houdans

If you want the very best first prize winners at largest shows in the South, place your orders for eggs NOW. For particulars and prices, write

DIXIE POULTRY YARDS, Stephenson, Ala.

WHITE ROCK WINNERS

My stock has shown its quality by winning in the hottest competition at the Appalachian Exposition, Knoxville, Tenn., Augusta, Ga., Greensboro, N. C. and Asheville, N. C. Thirty prizes, two silver cups and A. P. A. diploma for best cockerel in American class. Eggs for sale.

WM. H. BURCH, Box 850, Charleston, S. C.

200 Pages **GREIDER'S** 100 Illustrations **FINE CATALOG**

Best reference book of pure bred poultry, for 1911, over 200 pages. 57 large pictures of fowls in natural colors. Calendar for each month. Illustrations, descriptions, photos, incubators, brooders, information and all details concerning the business. Tells where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. In fact, it is the greatest poultry catalog ever published. Send 15c for this handsome book, postpaid.



THIS BOOK has guided hundreds of poultry raisers to success. Testimonials sent.

G. H. GREIDER, Box 101, Rheams, Pa.

Wins at Chattanooga

A. J. Lawson & Sons, of Cleveland, Tenn., at the big poultry show held at Chattanooga, January, 1911, one of the best shows in the South, won on S. C. White Leghorns, 1st cock, 1st and 2d hen, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st and 2d pen, \$5.00 in gold for best cock, cockerel, hen and two pullets in solid colored Mediterranean class, \$2.50 cash for best trio in show. They won on Indian Runner Ducks, 1st drake and 1st duck.

The Orpingtons

A book on this breed has recently been published by the Reliable Poultry Journal Co., that should be in the hands of all breeders of Orpington fowls. It treats of the White, Buff and Black varieties, with a chapter on the non-standard varieties, and tells the breeder how to select and mate for best results. Care, feed and management is fully discussed. This new breed book is the most comprehensive in text and the most beautifully illustrated publication on the Orpington fowl yet printed. It conforms to present Standard Requirements. A special chapter on Fitting

Fowls for Exhibition included in the book.

The book was edited by J. H. Drevstedt, a breeder and judge of twenty-five years' experience and a member of the Standard Revision Committee, 1910. Illustrated by Messrs. Sewell Schilling, Burgess and others.

"The Orpingtons" contains 30 pages. 8 1/2 x 11 1/2, printed on first-class paper, is fully illustrated and bound in heavy paper, and will be sent you with THE INDUSTRIOUS HEN one year for \$1.00.

Gold Medal on Barred Rocks

The grand prize gold medal offered by the Ohio Branch of the American Poultry Association, at the Wooster show was awarded to the Covert Barred Rock Farm, Willoughby, Ohio, on Barred Rock cockerel.—A. H. SMITH, Secretary.

Orpington Publicity Association

Orpington breeders will be interested in the new organization recently started to promote the interest of the Orpingtons. It will be a new association and will work on altogether new principles from all other clubs. Orpington breeders and all others are requested to send to Chas. A. Penny, secretary, Barry, Illinois, for literature, which will fully explain this association and the many advantages offered to its members. Members will be admitted at half rates during March.

Hewes' Strain Black Langshans Doolittle Partridge Wyandottes

My birds have won over 80 ribbons and specials at good shows during the past 6 years. Won 7 firsts, 3 seconds and 2 thirds at the big Kankakee and Champaign shows this year. Eggs, \$3.00 and \$5.00 per setting of 15. **G. H. TOWNSEND, Onarga, Ill.**

S. C. BUFF ORPINGTONS

My birds are winners of the highest honors in the leading shows of the United States in competition with the world. I won silver cup special at Bristol, Tenn.-Va. Show, 1910, for best pen and special for highest scoring bird, any breed, on pullet at Chattanooga, 1911. Stock and eggs. Write for mating list and prices. Satisfaction guaranteed.

G. B. MOORHEAD : : Lynchburg, Tennessee

INDIAN RUNNER DUCKS, BUTTERCUP CHICKENS

My ducks won the ribbons at County Fair last fall at Newport. At the Morristown Show they won 2d prize, yet I was showing 4-months-old ducks against a \$25 pair of grown ducks. My strain is said by many to be the finest in the State. Eggs in season from exhibition or fine breeding stock at live and let live prices. Young ducks for sale after May. No stock for sale now. Satisfaction guaranteed or money refunded. A limited number of Buttercup eggs, from fine birds, for sale in season. Write me.

RIVERSIDE DUCK FARM, Ben Calfee, Prop. : : Route 7, Morristown, Tenn.

Callaway's S. C. B. MINORCAS

Best Layers—the Best Payers. Our winnings this season were phenomenal—winning on every entry and a special at Memphis. 3 firsts, 2 seconds and special for color and shape at Jackson, Miss. 3 firsts and 1 second at Greenville, Miss., on 4 entries. We have added 4 yards this season, making total of 10 yards of the best in the South. Yards all headed by prize-winners. Eggs, \$1.50 to \$5.00 per 15. A few cockerels left. Write for mating list.

G. E. CALLAWAY, Box 87, Oakland, Miss.

WILL MAKE HENS LAY

SOMETHING TO CROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH
NO OTHER BONE NEEDED
NO OTHER GRIT NEEDED
NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTER-SHELLS NEEDED

WILL MAKE CHICKS GROW. COCKERELS

VALUABLE BOOKLET FREE

100 lbs - - \$2.25
500 lbs - - 9.00

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.
NEWARK, N.J. DEPT. 8. FLEMINGTON, W.VA.

"THE KIND THAT PAY"

S. C. RHODE ISLAND REDS and SNOW WHITE STRAIN

WYANDOTTES that are snow white; REDS that are cherry red. Ribbon winning strains. Full standard weight. Hen's record: 201 eggs in nine consecutive months. We breed from yearling hens for vigor. 13 eggs, \$1.50. Write for circular. **ORANGEVILLE POULTRY YARDS, Box 302, Orangeville, Pa.**

IDEAL S. C. R. I. REDS

Improve your flock with my winners at Ky. State and Owensboro Fairs. Best stock in the South. Let me prove it. Send for my Ideal Red Book and mating list. Eggs, \$1.50, \$2 and \$3 per 15. I will treat you fair and square.

FSTELL CARPENTER, Owensboro, Ky.

BRED-TO-LAY

BARRED ROCKS

My 200-eggs-a-year-per-hen strain of the Parks, Thompson and Hawkins strains bred to perfection. 10 years experience in breeding for eggs. I guarantee a hatch of 80 per cent, or duplicate for half price at single setting rates. Eggs, \$2.50 per 15. Broiler eggs, \$8 per 100. Cockerels, \$2.50 each. M. P. Ducks, \$2.50 each; eggs, \$2 per 11. Catalogue free. **D. S. HOUNSHELL, Crockett, Va.**

1911 Catalog Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL,
Box 39 Freeport, Illinois

White and Barred ROCKS

Robinson breeds two of the best strains of White and Barred Rocks. Eggs from choice pen, \$1.50 per 15; others \$1.00 per 15. A few nice cockerels for sale.

R. D. ROBINSON : White Hall, S. C.

White Wyandotte Pullets

FROM EXHIBITION STOCK
Special bargain price in lots of five, six, ten or twelve.
STANDARD-BRED POULTRY FARMS
BURKE'S GARDEN, VA.

S. C. RHODE ISLAND REDS
Golden SEBRIGHT BANTAMS
PARTRIDGE WYANDOTTES

Eggs for sale at \$2 to \$3 per 15. Wyandotte cockerels for sale.

W. R. WILLSON
Route 5, McMinnville, TENN.

Write **HALE @ McCARTNEY, Box 464, Lebanon, Tenn.**

FOR THE BEST IN

R. C. RHODE ISLAND REDS

We are booking egg orders now at \$5.00 per 15—one price only. Our pens contain some of the best birds shown in the South this season. We won a ribbon on every entry at the Appalachian Exposition Poultry Show. No stock for sale.



Morris' "Ideal" White Wyandottes

Again prove their superiority at the great "Madison Square Garden Show of the South," held in Atlanta, Jan., 1911, winning—1st and 3d cock; 1st and 3d hen; 1st, 2d and 5th cockerel; 1st and 2d pullet; 1st and 5th pen; silver cup for best colored White Wyandotte male; silver cup for best pen White Wyandottes; silver cup for best display of the show; silver cup for sweepstakes hen of the show. What better proof could you ask? Winning twice as much as all my competitors. My matings are fine and there is no better place to get the best than from

M. F. MORRIS

Box 255, Atlanta, Georgia

..BATCHELOR FARM..

M. B. TURKEY EGGS, 50c Each; 12 for \$5.00.

PRIZE-WINNING MINORCAS PEN 1—Cock that won 1st at State Fair, 1908, and four prize-winning hens. Eggs, \$5.00 per setting of 15. PEN 2—1st prize cock at Jefferson County Poultry Show, 1910, and six fine pullets. Eggs, \$3.00 per 15. PEN 3—4th prize cockerel at Jefferson County Poultry Show, 1910, and four fine hens. Eggs, \$3.00 per 15. **Pure Pekin Duck** eggs, \$1.25 for 12; 24 for \$2.25. Only a limited egg supply.

MRS. T. E. BATCHELOR & CO.

Box 255, Atlanta, Georgia

S. C. White LEGHORNS

If you want to win at the early fall shows, get your eggs now. My birds have made a wonderful record in the show rooms. Are extra large and heavy layers. Booking orders now for early hatched pullets, Catalogue giving winnings and prices free.

CHEROKEE WHITE LEGHORN FARM, Box B, Center, Ala.

Dr. S. C. Tatum, Proprietor

A. L. Ball, Manager

Oak View Poultry Farm

EGGS FOR SALE

S. C. BLACK MINORCAS—Pen No. 1, per 15, \$4; Pens No. 2, 3, 4, 5, per 15, \$2.50.

S. C. BUFF and WHITE ORPINGTONS—\$2.50 per 15.

S. C. BLACK ORPINGTONS—\$3 per 15.

E. A. HAM : Route 1, Raleigh, Tennessee

Champion Partridge Rocks

MADISON SQUARE GARDEN 1906-1907-1908-1909-1910

Again we prove our superiority by winning 3 firsts and 2 seconds—more than all our competitors combined. A few birds to spare. We have mated up ten pens for our egg trade. Write for mating list.

HILLCREST FARMS, Wm. F. Fotherall, Prop.

Box 5, Oakford, Pa.

S. C. WHITE LEGHORNS

BEST QUALITY ONLY. In four shows, three of the best in the South, won very near every first. At Asheville—1 cock; 1, 2 cockerel; 1, 2, 3 pullet; 1 pen; have not had full report. Gastonia—1 cock; 1, 2 cockerel; 1, 2, 4, 5 pullet; 1 pen; specials, and best pair and pen in show, all varieties. Hickory—All first and specials for best pullet and cock in show. Charlotte—1, 2 cockerel; 1 pullet; \$100 special for best male bird in show and other winnings. Cockerel declared to be the most magnificent specimen in shape, color and size ever shown in the South. Write for prices of eggs from these fine birds.

GEO. E. BISANAR : : : Hickory, N. C.

Reynolds' White PLYMOUTH ROCKS

THE BEST IN THE WEST

Winners at Cleveland, Ohio State Fair, Omaha, Topeka, Hastings, and in fact all the big shows where "Quality" talks. All my best pens are headed by winners at the late 1910-11 shows. If you want exhibition birds, breeders, utility flocks, eggs for hatching or baby chicks, it will pay you to write me as I give my whole time and attention to this one breed. Ship on approval and satisfaction guaranteed. **LARGEST Exclusive Breeder of WHITE ROCKS in the WEST.** Express paid on Baby Chicks, and safe arrival guaranteed. Eggs from best matings—\$5 per 15; \$25 per 100. Write for my illustrated catalogue.

C. M. REYNOLDS : : : Box K, Fullerton, Nebraska

Life member American Poultry Association and White Plymouth Rock Club.

To Poultry Show Associations

A meeting of representatives from various show associations throughout the States and Canada met at Buffalo, N. Y., Jan. 26, during the Great International Show, and approved the report of the Committee which was appointed at the Madison Square Garden Show to draft a constitution and by-laws, for the new organization to be known as the *International League of Poultry Show Associations*.

The following temporary officers were elected to hold office till the constitution and by-laws receive ratification by all the Show Associations which are desirous of joining as charter members before May 1, 1911: President, Robert Seaman, Jericho, N. Y.; Vice-president, T. E. Quisenberry, Columbia, Mo.; Secretary-treasurer, Dr. S. A. Merkley, 1807 Seneca St., Buffalo, N. Y.; Executive Committee, C. D. Cleveland, West Orange, N. J.; L. G. Jarvis, Grimsby, Ont.; H. D. Riley, Philadelphia, Pa.; E. J. Sweetland, Jamestown, N. Y.; Theo. Hewes, Indianapolis, Ind.; W. B. Atherton, Boston, Mass.; Election Commissioner, Charles H. Ward, Bethel, Conn.

There were 33 show associations represented at this meeting and all were very enthusiastic in their predictions that much good could be accomplished through this new organization which will become a member of the A. P. A. and work in harmony for the advancement of poultry shows both great and small and in every way possible advance the poultrymen's interests.

One of the first problems for this association to tackle will be the exorbitant express rates on poultry. To accomplish anything in this line it must be through the organized effort of the great majority of the show associations of the country; some other objects are, to avoid conflicting show dates, simplifying the rules, protecting each other, standardizing the entry blanks, tags, etc.

WANTED

Furs, Hides, Wool, Beeswax, Cow Peas, Ginseng, all kinds of Roots and Herbs. Write for free price list.

J. E. HARRIS

109 W. Jackson Avenue KNOXVILLE, TENN.

White PLYMOUTH ROCKS

Have shown their quality by winning in the hottest competition at Memphis, Tenn., and Jackson, Miss. Some cockerels that must be sold—\$5 and \$8 birds—at \$2 and \$3.50. Can spare some good hens and pullets. Eggs from mating that are sure to produce winners at \$2 per setting.

W. S. POPE Venora, Miss.

S. C. Buff Orpington Eggs

FROM THREE SELECTED PENS

Eggs this season at \$1.00, \$2.00 and \$3.00 per 15. Send in your order at once.

J. D. BUSH, New Decatur, Ala.

"Only" Rose Comb Rhode Island REDS

Won again at Great Hagerstown Show, Oct. 1910: 2d and 3d cock; 2d hen; 3d cockerel; 2d, 4th and 5th pullet, and 1st pen. This with my winnings heretofore certainly prove that I have Reds of great quality. Write your wants. **M. C. RICHARDSON, JR., Member of Red Clubs, Front Royal, Va.**

S. C. BUFF ORPINGTONS

Winter egg producers. Two ribbons out of six entries at Alabama State Fair, my first show. Eggs for sale now. **FRED S. FLETCHER**, 320 South 59th Street, Birmingham, Ala.

S. C. BUFF ORPINGTONS

WINTER LAYERS. Birds of Standard weight and type. Mating List free.
WAYNE ORPINGTON YARDS, Fort Wayne, Ind.

S.C. Buff Orpingtons

Exclusive stock and eggs for sale in season. At Bristol, 1910, won 1st hen, 4th cockerel, 3d cock; at Abingdon, 1911, 2d hen, 4th cockerel, 4th pullet, 1st pen; at Roanoke, 1911, 2d and 4th hen, 4th cockerel, 4th pullet, 1st pen; also club special for best pen. **C. H. TRAMMELL**, 328 Seventh Street, Bristol, Tennessee.

ANDERSON'S PEERLESS WHITE LEGHORNS

Won at Spartanburg's Big January Show—4th cock and 4th hen; 1st and 3d cockerel; 3d, 4th and 5th pullet; 2d pen; cup for best display. 83 Leghorns in class. Eggs \$2 and \$3 per 13. Indian Runner Duck eggs, \$1.25 per 11.

C. W. ANDERSON : Spartanburg, S. C.

White PLYMOUTH ROCKS

Eggs, \$1.50 for 15.

S. C. BLACK MINORCAS

Eggs, \$2.00 for 15.

H. F. CARPENTER, New Middleton, Tenn.

WHITE Plymouth ROCKS

(No One has a Better Strain.)

Place your orders for eggs now. A few cockerels for sale. Send for free circular.

J. SION SMITH & CO.

Elmwood Avenue FT. WAYNE, IND.

EGGS FOR SALE!

White Orpingtons, Black Langshans, Light Brahmas and S. C. R. I. Reds, \$1.50 per setting of 15.

Orpington pen is headed by Kellerstrass strain; Langshans direct from Virginia Secretary Black Langshan Club; S. C. R. I. Reds headed by 1st and 2d cockerels at Harrisonburg, Va. Place your order now.

D. R. JAMES, JR., White Stone, Va.

COLUMBIAN WYANDOTTES

winnings at Knoxville, Tenn.,—1908, 1st pullet, 2d cockerel; 1910, 1st, 2d, 3d, 4th hen; 3d, 4th cockerel; 2d pen.

EGGS—\$1.50 and \$3 per 15.

A. C. SNODDY, Newport, Tenn.

Single Comb WHITE LEGHORNS and R. I. REDS

My birds have won at the South's leading shows for the past several years and the **Norton Quality** is known everywhere. No better matings anywhere than mine, and eggs are priced right—\$1.50 per 15, \$7.00 per 100.

J. O. NORTON : East Sta., Nashville, Tenn.

HOUDANS**BARRED P. ROCKS****S. C. BROWN LEGHORNS****Winners Wherever Shown CATALOGUE FREE**

Stock and Eggs at Reasonable Prices

IDEAL POULTRY FARM

BOX H, ORLEANS, IND.

SANDERS' WYANDOTTES

BLACK and WHITE

Eggs from prize-winning Blacks, \$3.00 and \$5.00 per setting. Just a few White left—eggs, \$1.50 per setting, \$6.00 per 100.

S. H. SANDERS : Route 1 : Nashville, Tenn.

WHITE ORPINGTONS BUFF

OF QUALITY

Eggs from **High-Class** stock at reasonable prices, quality considered. Satisfaction guaranteed. Seven years experience with both varieties. Mating List for the asking.

DR. J. A. POSEY : Frankfort, Ky.
Mention "The Industrious Hen."

Any show association in the United States and Canada can become a member of this association by signing the application blank and returning it with the required fee to the secretary and receive the approval of the executive board.

The secretary was instructed to have printed copies of the constitution and by-laws and other matter outlining the work which this new association expects to do and not talk about it for several years.

Other meetings agitating the organization of this new association were held at the Empire Show, Grand Central Palace, N. Y. City, Nov. 22, 1910, Philadelphia Show, Philadelphia, Pa., Dec. 14, 1910 and Madison Square Garden Show, N. Y. City, Dec. 29, 1910.

Copies of the constitution and by-laws are now ready and all show associations that are desirous of obtaining a copy and other information should write at once to Dr. S. A. Merklev, secretary, 1807 Seneca St., Buffalo, N. Y.

To the People of the South

It is up to you to settle the question of bringing people to cultivate the millions of idle acres in the South. Listen! the Western railroads are constantly working to draw away our people; to take their fares and have them produce traffic. One of them is calling on the people of a Western State to "write to every one you know in the East" and try to induce them to come West. Now let us go them one better, and write to every one you know in the West and try to get them to come "back home;" for most of them are Southerners and under present conditions can do better in the South than anywhere else in the world. Do not only ask your own friends and relatives to come "back

KNOX COLLIE KENNELS

BREEDERS OF THOROUGHbred

Scotch Collies,
Airedale Terriers
and Great Danes

Correspondence solicited for future bookings. Every pup subject to registration. An interesting folder on Airedales free.

KNOX COLLIE KENNELS, Knoxville, Tenn.

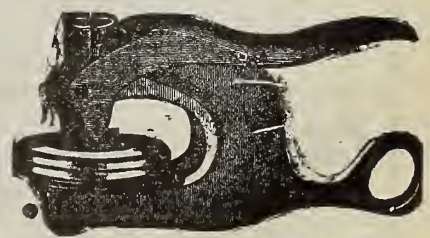


(LEVER SEAL PRESS)

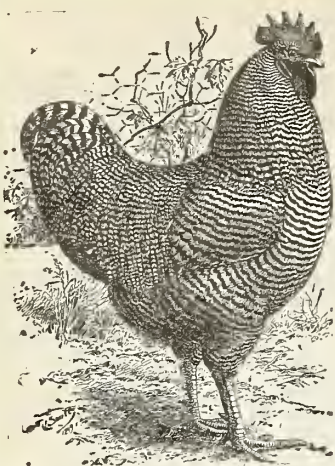
SEAL PRESSES

All kinds, all prices. From **Lever Seal Presses** at \$1.50 to \$2.50 to **Notary Aluminum Pocket Seal Presses** at \$3.00. Also Poultry Printing, Rubber Stamps and Stencils. : : :

S. B. NEWMAN & CO.
KNOXVILLE, TENNESSEE



(POCKET ALUMINUM SEAL PRESS)



Cheek's BARRED ROCKS and S. C. White Orpingtons

Have Prize-Winning, Laying and Paying
Qualities. Orders for Eggs booked now.

At big State Fair, Raleigh, N. C., 1910, in hot competition, I won nine prizes on twelve entries. Write for mating list and prices. Your money's worth or your money back. -- -- --

A. J. CHEEK : : Henderson, N. C.
Mention "Industrious Hen"

Single Comb **WHITE ORPINGTONS**

Cook's Strain---THE KIND THAT WIN

Have won wherever exhibited, and that isn't all—they are veritable egg machines. From August 1, 1910, to January 1, 1911, have averaged over 65 per cent. egg yield, and for the month of January, 70 per cent. **EGGS—\$3.00 per Setting.**

TRIPLE "T" POULTRY YARDS A. C. TUVESON, Proprietor
58 Fulton St., Asheville, N. C.

Ballard's **BUFF ORPINGTONS** SINGLE COMB

Seven great yards for this year—mated to produce winners—each headed by a prize-winning male. Many of the females in my yards have won the blue; they are the low, blocky kind and **Buff to the skin.** You should have my 1911 mating list. It contains valuable information. My recent winnings prove that I have the quality. Mississippi State Fair, 1910, won 1st, 3d and 4th cockerels; 1st and 2d pullets; 1st pen and color special. Winners at Tri-State Fair, Memphis, Tenn. Stock all sold but I have plenty of quality eggs for you. Satisfied customers all over the South. **Absolute Satisfaction Guaranteed.**

W. H. BALLARD R. 5, Memphis, Tenn.

S. C. BUFF ORPINGTONS

EXCLUSIVELY

We have completed our own hatches and can now supply eggs promptly. We don't claim to have the best on earth, but we do know we are giving the highest values in our eggs when we are selling them at \$7.50 from First Pen, \$5 from Second Pen and \$3.50 from our Third Pen. Our conscience is clear on the Golden Rule at these prices. Order direct from this ad as we guarantee satisfaction. Mating list free, if you want further information.

GEO. M. WELLS & DAUGHTER
PINE BLUFF, ARKANSAS

home," but urge them to bring along every good man and woman they can find. Ask the railroads and boards of trade to send them literature. All you need to do is to give the names of people you think would make good Southern citizens, and the railroads will send them just the kind of invitation and literature needed to bring them "back home." The Western railroads know it takes people to build up a country, but let us compel them to look elsewhere to get them. The South has gone out of the emigration business. Let us keep our own and get back our own.—W. D. ROBERTS.

Johnson City, Tenn., March 1, 1911.

To Turkey Breeders

The first annual club catalogue of the "National Bourbon Red Turkey Club" is now ready and will be sent free to anyone upon receipt of two 2-cent stamps.—MRS. MINNIE M. BROWN, Sec'y Nat'l Bounbon Red Turkey Club, Appleton City, Mo.

High-Class Matings

The 1911 mating list of Owen Farms, 135 Williams St., Vineyard Haven, Mass., is out and will be sent free to persons interested in the varieties bred by them. Our readers generally know that Owen Farms have probably the best birds in the United States. They have been winning the lion's share of the prizes at the big shows of the country for many years, and always in the strongest competition. Their specialties are Buff, White and Black Orpingtons, White Wvandottes, White and Barred Rocks, and Single and Rose Comb Reds. Their mating list describes their matings and should be in the hands of all who contemplate buying eggs from any of these varieties. For prompt attention address them at 135 Williams St., Vineyard Haven, Mass.



LIGHT BRAHMAS

Won at Maryville, Tenn., Jan. 25-27—1st cockerel; 1st, 2d, 3d, 4th pullet, 1st pen. Eggs from these birds, \$1.50 per 15. Satisfaction guaranteed or money refunded.

BEN ATCHLEY, Chandler, Tenn.

FOR SALE

S. G. BROWN
LEGHORNSI have a few choice
cockerels and pul-
lets that will makegood breeders. Eggs, \$1 per setting of
15; \$6 per 100.

M. S. COPELAND

Route 1 : Powell's Station, Tenn.

THE CLIPPER

will cut tall grass, short grass and
weeds, and do all the trim-
ming along the fences, walks
and drives.If your dealers do not keep
them, let us know, and
we will send circulars and
prices.Clipper Lawn Mower Co.
Dixon, Illinois.

CORNISH INDIANS a Specialty

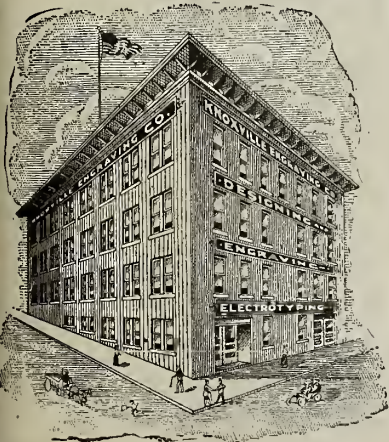
High-grade cockerels from imported
strain. Eggs at \$3.00 per sitting.

TULLY BIRDSONG R. No. 5, Pulaski, Tenn.

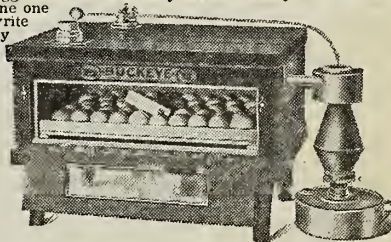
WHITE ORPINGTONS

Won on exhibits at Appalachian
Exposition and Augusta shows
in hot competition. Eggs for
sale after January 1st at \$2.50,
\$5.00 and \$10.00 per 15.

H. RUTTER, Gastonia, N. C.

KNOXVILLE ENGRAVING CO.
(INCORPORATED 1900)MAKERS OF
HIGH CLASS CUTS
KNOXVILLE, TENNESSEE
STATE AND UNION STS.Guaranteed—A Chick From
Every Fertile EggWe know what the Buckeye 50-egg Incubator has done—we know what it can do. We've
been making it and watching it work for 21 years. We sell each one under this absolute
guarantee—it will hatch every hatchable egg or it won't cost you a single cent. Get a Buckeye
from your dealer. Give it a forty day trial. If at the end of that time you are not satisfied
with it in every respect, take it back and get your money at once.50-EGG
BUCKEYE INCUBATOR

\$6, \$7 and \$8

When you buy a Buckeye you get a complete and thoroughly equipped incubator ready to put into
operation. It contains every necessary device found in the highest priced machines. No previous
experience is necessary. Merely following the simple, printed instructions has brought big money
success to many who never saw an incubator before. You see, in building the Buckeye, we have cut
out all the difficulties. You need give no worry to the regulation of moisture or ventilation—the ma-
chine looks after all these details itself. Once the heat regulator is set, it need not be touched again
during the hatch. We believe the Buckeye 50-egg incubator is exactly the machine you have been
looking for. We would like to have you examine one
thoroughly. If your dealer doesn't keep them write
to us and we will see that you get the opportunity
to look over one at once. Let us send you our
catalogue and our two special books, "Making
Money the Buckeye Way," and "51 Chicks
from 50 Eggs." We know they will interest
you. They are free—write to-day.The Buckeye Incubator Co.
525 W. Euclid Ave.
Springfield, Ohio

A Poultry Story

"I made a discovery of queer coinci-
dences lately."

"What was it?"

"In the poultry journal you mention,
it was a hen-pecked poet, egged on by
need of cash, who wrote that lay about
the setting sun."

Composition of Rations Used

In feeding the poultry at the North
Carolina station the following ration
was used according to the superintendent:Corn and wheat make up by far the
largest part of our feeding stuffs, as
not only were the fowls fed these two
grains whole, but in most of the rations
cornmeal and wheat bran form the base
of the mash.The variation in the ration was made
in the products used to supply protein
and ash. For this purpose meat meal
cottonseed meal and bone meal were
used.The meat meal used was guaranteed
to contain 85 per cent protein and 7
per cent fat. Analysis showed that it
went slightly over these figures.This was a very concentrated meal,
carrying nearly as much protein as dried
blood.The cottonseed meal used was the
regular meal sold for fertilizing and
feeding purposes and which under the
State law must contain 7.5 per cent
ammonia or 38.58 per cent protein.

The bone meal contained: Phosphoric

BUFF ROCKS, S. C. R. I. REDS

Won 1st cock, 2d and 3d cockerel and 3d pen on
Buff Rocks at Georgia State Fair, 1910. Entered
only one specimen of Rhode Island Reds, cock-
erel, winning 3d in class of 25 cockerels. Eggs
for hatching from both varieties.

Z. H. GILREATH, 600 Corling Avenue, MASON, GA.

Mrs. Miller's Barred Rocks

Blue Ribbon Winners. Ten years experience
in breeding this strain. The best for utility; lays
the year around; the fowl for farmer and fancier
alike. Don't wait until late in the season; order
now and get the choice birds.

C. E. Spaugh, Ruby, Ind., Strain.

MRS. W. P. MILLER, Route 3, Dalton, Ga.

Eggs for Hatching

Barred and White Rocks, \$1.50 per 15, \$2.50
per 30. My Barred and White Rocks are bred
from the best strains in the world. Write wants.

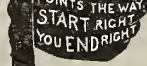
L. C. GASS R. 1, Marion, Ky.

LEGHORN PULLETS

Blanchard's strain S. C. White Leghorns,
8 to 11 months old. 300 for sale at \$1 to
\$2 each. Pure-bred for egg production.
Eggs, 15 for \$1.00

OAKWOOD POULTRY FARM, Maids Hill, N. C.

SEE THAT "XX" Do Your Eggs Test "XX"?

Eggs for hatching must test high To HATCH WELL. No use to put
any egg into the incubator or under the hen if the Magic Egg Tester
rejects it. Why? Ans.—Too much money in time and eggs wasted,
liability to die in the shell, or when alive raised with difficulty.

COST OF TESTER SAVED MANY TIMES

during the time allowed for trial. Get the benefit while trying it out. We stand all
damages to the Tester during trial, for you can't hurt it. Sent by registered mail, com-
plete for \$2.00. Specialists in Incubation. Latest facts and aids to correct incubation
included with every Tester. Illustrated circular free. Orders filled same day as received.

MAGIC EGG TESTER WORKS, Dept. G, Buffalo, N. Y. or Bridgeburg, Canada

acid, 20.22 per cent; lime, 28 per cent; protein, 26.47 per cent.

It was used primarily for the phosphoric acid and lime which it contained, but the analysis showed that it also carried considerable protein.

In all feeding experiments an effort has been made to keep the rations as simple as possible and to use only products that the farmer raises or can obtain on the local market.

Rations which necessitate the buying of half a dozen different products may be good, but there is not much likelihood of the farmer using them on account of the trouble in getting the different ingredients.

Kennel Manners

There is a great difference in the behavior of dogs in their kennel. It all reflects the management of the handler. When you go into some kennels at feeding time, the dogs are jumping over each other and quarreling about their food, while the handler is scolding and slashing with his whip. All is bedlam. At another kennel the dogs stand off quietly at a respectful distance and come to their food when called. There is no snapping or snarling. The handler has little to say. When he does speak it is in a calm, low

tone. His dogs have been well brought up. When he has one that violates his rule of conduct, he proceeds at once to punish him for his fault, and treats him with special kindness for his good behavior. He is always kind, yet positive with his dogs. As fast as they break one of his rules he sees to it at once that they are put back on their good behavior. When the good handler wants a particular dog from his kennel he does not have a fight getting him. When he opens the gate all the dogs stand back, for they have learned the folly of crowding on the gate when

\$5²⁰ Buys My Double Wall, Hot Water Fifty Egg Incubator

A better machine for the money cannot be had. Guaranteed to hatch every fertile egg. Double walls. Hot water tank covers entire top of egg chamber. Absolutely self-regulating. I've built incubators for 30 years.

800,000 Satisfied Users of Stahl Incubators

100 egg size, price \$7.60
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80-page catalogue shows full line of Excelsiors, Wooden Hens, Brooders, etc. Write for it today.

GEO. H. STAHL
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Ask the editor of this paper if Stahl and his incubator are right.



Fully Guaranteed

ROSE LAWN POULTRY FARM

Barred Plymouth Rocks of the Royal Blue strain. Stock for sale. Eggs, from 1st pen, \$2.00 for 15; 2d pen, \$1.50. S. C. Rhode Island Red eggs, \$1.50 for 15. Indian Runner Duck eggs, \$2.00 for 15.

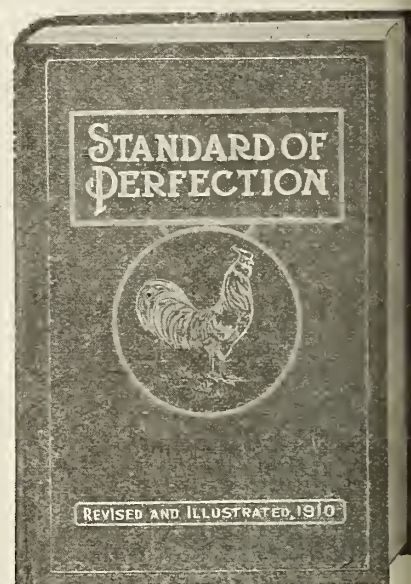
L. B. KOWERY, Russellville, Tenn.

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New STANDARD OF PERFECTION

You Cannot Raise Fowls Intelligently Without a Copy of the American Standard of Perfection, the Official Guide to Poultry Culture.

It is published by the American Poultry Association and is authority on the required characteristics of all breeds and varieties of chickens, ducks, turkeys and Geese. Among the many new features of this new Standard are half-tone plates of idealized black and white feathers, as found of parti-colored varieties; five full page plates of feathers in natural colors; a glossary of color terms; half-tone illustrations from idealized photographs of living models, etc. Every breeder should have a copy. Order today and get one of the first.

Prices—Cloth binding, \$1.50, prepaid. With a year's subscription to THE INDUSTRIOUS HEN, \$1.75; and a copy of "Hen and Chicks," postpaid, \$2. Send all orders to

THE INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

HARP'S ORPINGTONS

SINGLE COMB BUFF

Prize winners at Kentucky State Fair; Tennessee State Fair, Nashville, Tenn.; Appalachian Exposition, Knoxville, Tenn.; Kentucky State Show, Lexington, Jan. 1911.

ROGER V. HARP : Short Street, Lexington, Ky.
MATING LIST FOR THE ASKING

World's Best RHODE ISLAND REDS

SINGLE and ROSE COMB

First prize winners at New York, Boston, Jamestown, Chicago, Providence, Springfield, St. Louis, Buffalo, Scranton, Pa., West Virginia State Fair, Louisville, Ky., Lexington, Ky., Marshfield, Wis., Birmingham, Ala., Frankport, Ky., Knoxville and Bristol, Tenn. My famous "Red Lady" is the mother of that \$1,000.00 cock which won first at Madison Square, New York, January 1909. My famous "Red Lady II" is the mother of 1st, 2d and 5th Madison Square pullets, January 1910.

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Ferguson's Wyandotte Yards

NEW MIDDLETON, TENN.

Eggs only for sale from one of the best strains of **White Wyandottes** and **Silver Wyandottes** in the U. S. A. Eggs, \$1.50 per setting.

One Gallon of Oil—and One Filling of the Lamp to a Hatch—That's INCUBATOR Way

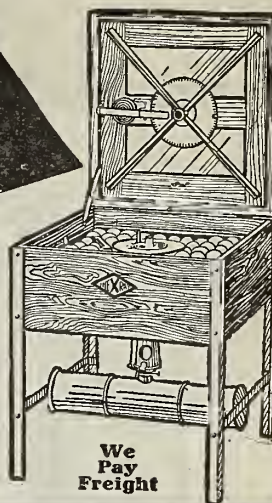


Here's the only incubator that cuts down the flame when the egg-chamber gets too hot. All others let the flame burn at the same height, then let the excess heat escape. That's why the X-Ray uses only one gallon of oil to a hatch, while all others use 3 to 5 gallons. We place the lamp underneath, in the center. That's why we get absolutely uniform heat throughout the egg-chamber—no cold sides as on side-lamp incubators. Thermometer tests prove it. And our lamp holds 4 to 8 quarts of oil. Fill it once and you never need touch it till the chicks are hatched out. You know what that saves, no mussy, smelly work every day—no disagreeable oil can to handle. One filling of the lamp and one gallon of oil—to a hatch—that's the X-Ray incubator way. The X-Ray principle means

Better Hatches—Less Expense—No Worry

—and sure success. The X-Ray opens from the top. The lid has two double-glass panels. You can see the thermometer any time without raising lid—no danger of chilling the eggs. You can ventilate or turn the eggs by simply raising the lid. No sliding heavy drawers out, no danger of breaking eggs. The X-Ray is heated to hatching temperature in 15 minutes—others take from 4 to 8 hours. Even the X-Ray Thermometer is different and better than others. Get our book first, then let us send you an X-Ray, freight prepaid, to try for three hatches. See how it's made. All genuine California redwood, covered completely with enameled steel, beautiful rosewood finish. Legs of galvanized steel, strongly braced and absolutely rigid. See how the X-Ray works—how it hatches. We guarantee all we say. Now send your name and ask for our interesting Free Book No. 25. Also tells about the X-Ray Brooder—just as superior as X-Ray Incubators.

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it is opened. The handler calls the dog he wants and that dog runs out. It is all a matter of simple discipline; any one can have well behaved dogs in their kennel or kennelyard if they will take the pains to have them so.

Something Worth While

William Cook & Sons, originators of all the Orpingtons, of Scotch Plains, N. J., announce that they will give during the coming season twenty fifty-dollar cups to advertisers of the Cook strain of Orpingtons and also to those who do not advertise, but who have purchased eggs or birds from them. These cups will be competed for at the different shows all over the country, and if interested you want to get the secretary of your show to write them about having one of these cups. The shows already promised are as follows: Philadelphia, Pa., Appalachian Exposition Poultry Show, Knoxville, Tenn., New Orleans, La., Dallas, Texas, Hamilton, Bermuda. There will be strong competition among those fortunate enough to own Cook Orpingtons. You want to make sure you have a chance at these cups.

Their object in giving these cups is to show their customers that they are interested in them and winners of these cups will be benefited by the advertising feature they will have, as well as having something handsome and unique, as they are being made special to order.

This Egg Was Surely Stale

Some seventeen or eighteen centuries ago a hen living in the vicinity of Mayence, following the natural habits of its kind, laid an egg, which was probably intended for Caesar's breakfast.

But evidently Caesar got up late that morning and went without breakfast, for during the excavation of an old Roman camp on the outskirts of Mayence a few days ago the egg was found at the bottom of an old cistern in the basement of what was once a Roman villa.

The egg was nestled on a cushion of egg shells in an old Roman drinking pitcher made of earthenware, both of which are in possession of the Antiquarian society at Mayence. The egg is on exhibition at the society's premises and daily attracts a large crowd of admirers.

S. C. R. I. REDS and S. C. WHITE LEGHORNS

Heavy Layers and First Prize Winners in Strongest Competition

Matured stock for sale. Egg orders booked now for future delivery, also orders booked for Day-old Chicks from 25 to 1,000. **Two nicely marked litters of pedigreed Scotch Collie Puppies ready to ship.** Inquiries promptly answered and everything guaranteed satisfactory or your money back.

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S. C. White LEGHORNS

—EXCLUSIVELY—

Eggs for sale in any number, from our heavy layers, at \$8.00 per 100, \$1.50 and \$2.30 per 15. Write for catalogue and list of winnings. Birds on free range. Satisfaction guaranteed.

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EGGS THAT WILL HATCH

S. C. Rhode Island Red Winners

\$1.50, \$2.50 and \$3.00 per 15.

The test of the show room is my proof of quality.

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— BREEDERS OF EXTRA FINE —

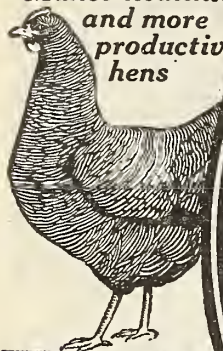
White and Silver-Laced Wyandottes White and Barred Plymouth Rocks

OUR birds are prize winners and excellent layers, with egg records of 244 eggs per year. No better stock in America. Eggs for hatching from birds that meet the Standard requirements. Our prices are conscientious ones—\$1.50 per 15, \$3.00 per 40, \$6.00 per 100. Send your order early. We will ship it when you request us to do so. Prompt shipment and safe arrival. Courteous treatment assured.

BETHANY POULTRY FARM : Box 145 : Valparaiso, Ind.

The Sure Way To Poultry Profits

Makes healthier
and more
productive
hens



Prof. James E. Rice, of Cornell University, says: "We have found Zenoleum a very satisfactory disinfectant in connection with our incubator and brooder work—our experience would justify our continuing to use Zenoleum."

Destroy Lice and Mites and Prevent the Spreading of Infectious Diseases

One who does not take proper care of his poultry has as much chance to raise them profitably as the man who tries to fill a sieve with water—it is absolutely necessary to keep poultry free from lice, mites and all disease-breeding germs and filth. When this is done, when they are given a fair chance, poultry will make you profits which, compared with the capital invested, are greater than in any other line of legitimate business. You can obtain these profits, easily and with hardly any effort, by the use of

Disinfectant,
Won't Poison,
Won't Explode,
Won't Burn

ZENOLEUM

A Carbolic, Cresol, Coal-Tar Preparation
"The Surest Lice Killer and Disinfectant"

A single quart is all that is necessary to rid 100 hens of lice, mites and germ filth—it cures and prevents all ordinary poultry ailments and diseases—contains nothing that is injurious—insures cleanliness and safeguards your poultry's health and your own profits. It is "the best coal-tar, carbolic, cresol disinfectant dip made" and an absolute necessity to every farmer and poultry raiser.

Sold Everywhere—and positively guaranteed to be satisfactory. If Zenoleum is not all we say it is—or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he can't supply you, we will deliver to your station, charges prepaid—1 gal., \$1.50; 5 gal., \$6.25. 8-oz. size, 25c at your dealers, 35c from us prepaid. **Equally beneficial for live stock.** Write for free books, "Chicken Chat" and "Veterinary Adviser"—the latter is invaluable to stockmen. Your name on a postal will do.

The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich.

Has a Clean,
Wholesome,
Inoffensive,
and Pleasing
Odor

Hatches a greater
number of healthy
chicks and pro-
tects them from
disease.



Prof. W. R. Graham, of Ontario Agricultural College, says: "The addition of Zenoleum proved of the greatest value in maintaining the vitality of the chicks—producing 9% more. I would use this substance in every machine set." **Send for official report.**

Used and endorsed by 46 agricultural colleges

S. C. R. I. REDS

My birds are from Prize-winning stock. Eggs and stock for sale. Write me your wants. Eggs, first pen, \$2.00; second pen, \$1.00 per 15.

A. T. CURRIER, Russellville, Tenn.

S.C. White and Brown LEGHORNS

Vigorous, non-inbred, extra laying strain. Eggs, \$1, \$1.50 and \$2 for 15.

GEO. H. PLACE, 1402 S. 49th St., Omaha, Neb.

PURE BRED BARRED ROCK EGGS

For Sale—\$1.50 per 15, \$7.50 per 100. Eggs from birds of finest quality double mating. All orders promptly filled.

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Get a New Standard

The new Standard is now in the hands of the public. The regular edition contains 331 pages substantially bound in cloth and is illustrated with ideal illustrations of all the leading varieties of standard fowls, giving the breeder, as far as it is possible to do, definite ideas as to what constitutes proper standard shape and color in these varieties and, taken together with the text matter describing the varieties, this present Standard will give the amateur a much better idea of what constitutes good birds than any ever previously issued and it should be in the hands of every person aiming to breed pure bred fowls. The fancier can neither buy, sell, judge or mate birds without this Standard, since it is the LAW laid down by the American Poultry Association, definitely stating what constitutes a Standard fowl in all

varieties. The illustrations will be a wonderful help to the amateur breeder, particularly in defining standard shape.

The glossary, explaining the different terms used and also instructions to judges is very complete and the glossary contains many illustrations, some of them colored, giving positive ideas as to proper marking, combs, etc., in each variety. One who is aiming to breed pure-bred fowls simply cannot afford to be without this book. We now have an ample supply for our buyers and can fill orders on short notice. The price is \$1.50 postpaid and is fixed by the American Poultry Association and no one is allowed to quote a lower price. Order your Standard today. It is good for the next five years. Address your orders, THE INDUSTRIOUS HEN, Knoxville, Tenn.

Ventilating the Soil

We hear a great deal about the ventilating of dairy barns, poultry houses, the dwelling house, but very few know that the soil requires as much if not more ventilation than the above mentioned buildings. Without plenty of air the soil will not do its work properly. Just as a child has a small chance of living in a poorly ventilated room, so has the plant that is struggling for an existence in a hard, compact soil.

Every crop should go into the winter with some crop in it. In the spring it should be plowed up and turned under so that the moisture will rot the plant and bring life and fertility back to the soil, especially if it is rye. If an underdrain is laid it will change a worthless piece of ground into one very suitable for extensive cultivation.

Money in Michigan

Investigate the opportunities that Michigan offers the home-seeker. Each issue of The Fruit Belt describes some section. Send 10 cents for 5 big special numbers. We have no land for sale.

THE FRUIT BELT

5 South Iona Street

Grand Rapids, Mich.

Black and White ORPINGTONS White WYANDOTTES

Wm. Cook & Sons Finest Orpingtons
Regal White Wyandottes
America's Best

My stock bred and raised at Ocean Springs, Miss., Parkenson Place.
Write for prices. Get the best. Eggs from prize-winners.

C. B. FEE : 1937 Napoleon Ave. : New Orleans, La.

S. C. WHITE ORPINGTON EGGS FOR SALE

If you want them for extra fine show birds or utility stock, we have them. Our egg records will compare with the best. A few choice cockerels for sale, either Cook or Kellerstrass strain. Write for mating list.

Sunny Slope Poultry Yards
23 Phifer St., ASHEVILLE, N. C.

A Fowl That Is Making Good

It is an evident fact that Indian Runner Ducks have put themselves to the front as egg producers, and we are obliged to believe that they will stay "put."

We find in them a very remarkable fowl in several respects. First, as egg producers they are excelled by few. Their eggs are beautiful and of excellent quality and we believe they will create a demand in the regular trade that will make for them a bright future.

The Indian Runner is a beautiful fowl and extremely hardy. The many diseases so common to other fowls are unknown to the Indian Runner duck. They are easy to hatch and easy to raise. Danger of loss from over-feeding may be expected if we are not careful. They make a very quick growth and commence laying at from four to five months old and are profitable layers until six years old. They also yield a nice lot of feathers which should be taken as soon as signs of molt appear.

When we consider their many advantages over chickens and such few faults, we wonder why more people don't raise them. There is no other fowl that has come to the forefront with such rapidity as has the Indian Runner and they well deserve the high standing which they have made for themselves.

If eggs are the object in view try the Indian Runner Duck.

Some Good Winnings

Power & Threlkeld, Maysville, Ky., breeders of exhibition White and Buff Wyandottes, made two entries of White Wyandottes at the Alabama State Fair and won 1st cockerel and 1st pullet;



GAPE-NIT

50c postpaid. Booklet and testimonials FREE.
PEERLESS GAPE-NIT CO.

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting Gape. 25c, 50c and \$1 postpaid. **PEERLESS CHOLERA CURE** never fails

: 833 Gordon St. : ALLENTOWN, PA.

two entries at Germantown, Ky., and won 1st cockerel and 1st pullet; six entries at the Appalachian Exposition, Knoxville, Tenn., and won 1st and 2d cocks, 2d and 3d hens, 1st cockerel, 3d pullet—6 premiums on six birds. On Buff Wyandottes at the Kentucky State Fair, Louisville, they won \$10 in gold for the best ten birds. Book your egg orders early for there is going to be a big demand.

Nothing Succeeds Like Success

It is a good many years since W. F. Chamberlain first completed and placed on the market a combined food for young chicks, and called it "Chamberlain's Perfect Chick Feed." Attention has been called to this excellent feed in these columns for several years. Mr. Chamberlain began to rear poultry on quite a large scale, but found difficulty in procuring just the right food for little chicks; he experimented and fortunately succeeded in producing what has been proved for many seasons to be "perfect" ration, or food, for young chicks and which is very widely and favorably known all over the country. To use "Chamberlain's Perfect Chick Feed" means that almost all the chicks will be healthy, and turn the balance in favor of the breeder. Note his remarkable egg propositions in another column, and address orders to W. F. Chamberlain, Kirkwood, St. Louis County, Mo.

New Poultry Book Out

This is the latest book on this important subject and should be in the hands of every poultry raiser whether he has either large or small flocks of birds. This new book covers every disease known to poultry and gives the cause, symptoms and treatment of all of them. It tells how to prevent diseases and we all know it is much easier to prevent them than it is to cure them after they appear. If we can keep our birds healthy at all times our profits are sure to come, otherwise, noth-

Just What You Need

MAGIC EGG TESTER Very useful. Sent prepaid for 8c. In stamps and your dealers name.

CHICKEN ROUP—an infectious and fatal disease. A box of Magic Roup Cure prepaid for 35c. In stamps.

LICE KILLING NEST EGG—Three Magic Eggs prepaid for 20c. In stamps.

MAGIC DEATH POWDER—KILLS insects in house, on chick and dog. Harmless to Man. Box prepaid for 30c. stamps.

We Give Money Back Guarantee.

NEW POULTRY BOOK—FREE with each order; also colored pictures for framing: Helpful Hints on Stock Raising and useful present for housewife. References, 20 years business record, any bank, Duns agency or 25,000 dealers selling the well known Magic Stock and Poultry Tonic. Address **Magic Food Co., CHATTANOOGA, TENN**
Mention "The Industrious Hen."

S. C. Buff ORPINGTONS

Winners 1910—All the firsts and special at Greenville, Miss. Mississippi State Fair at Jackson, 1st and 3d cock; 1st and 2d hen; 2d cockerel; shape special; 3d pullet; 4th pen. Eggs, \$2.00 \$2.50 and \$3.50.

S. C. Brown LEGHORNS

All the firsts and special at Greenville, Miss. Jackson—2d cock; 3d and 4th pullet; 1st and 2d pen. Eggs, \$1.50 and \$3.00.

SICILIAN BUTTERCUPS

First at Jackson. Second largest and best display at Jackson, Miss. Eggs, \$2.25 and \$3.00.

M. T. YOUNG, R. 2, Box 3, Canton, Miss.

S.C. White Leghorns

EXCLUSIVELY

Book your orders early for eggs from my special mating. . . .

W. G. PALMER

Rento 1 Sharps Chapel, Tenn.

S.C. White Leghorns

At the Pine Bluff State Show I won eight ribbons and \$21.75 cash premiums. Eggs \$1.50 per setting or \$6.00 per hundred. Ready to fill orders any date.

J. B. VINSON

1020 Mulberry St. PINE BLUFF, ARK.

WHITE PLYMOUTH ROCKS EXCLUSIVELY

Fisher Strain

"The Best Yet for Every Purpose." Winnings at Macon 1910: 1st pen, 1st cockerel, 2d and 3d Pullet. Eggs from these birds, \$3.00 per 15; others, \$1.50. If you are not satisfied, "kick."

WALTER M. ROGERS, Ocilla, Georgia

Kilman's S. C. RHODE ISLAND REDS

Have won First this season at Memphis, Hot Springs, Fort Smith and Mariana. At the Great Tri-State Show at Memphis, three thousand birds—Massachusetts to Texas—Fifty Dollars in Gold for Best Fifteen Birds, all varieties from six states competing; also shape and color special, both male and female. At Arkansas State Fair—First cockerel; first, second and third pullet; first pen; silver cup for Best Pen in Show, any breed. First season. First everywhere shown. EGGS—\$2, \$3 and \$5 per 15.

W. F. KILMAN : Bald Knob, Arkansas

SMILEY'S SPECIAL HOUDANS

STOCK AND EGGS FOR SALE

Won at Indianapolis, 1910—1st cock; 2d hen; 1st, 2d and 3d cockerel; 2d, 3d and 4th pullet. 1911—1st and 4th cock, 3d hen, 4th cockerel, 1st and 2d pullet, 1st pen. Feet and combs are Standard. Very fine crests.

T. B. SMILEY : : Matthews, Indiana

BUFF PLYMOUTH ROCKS

Cockerels and pullets bred from our Louisville, Ky., winners. Single birds, pairs, trios or pens in any number. Birds good enough for show or breeding pen. Quality backed by years of skillful mating. New standard, fawn and white

Indian Runner Duck Eggs

Greatest laying fowl the world has ever produced.

J. C. CLIPP

Box 700 SALTILLO, IND.

LAKEVIEW Blacks

ATLANTA
1911

1st Pullet
2d Cock
2d Pen
4, 5 Hen
5th Ckl.



LAKEVIEW Blacks

ATLANTA
1910

1st Cock
2d Pullet
3d Hen
3 Birds
Shown

S. C. BLACK ORPINGTONS

EGGS, \$10 per Fifteen

*From Pen Headed By
This Magnificent Cock*

Not a purple bar on him—beetle green from head to hock. Eyes black as night. Mated to 7 beautiful hens, rich in color, fine combs and eyes, correct shape, above standard weight. **Here's where Lakeview winners come from. Only 10 settings to be sold. Get next.**

S. C. Buffs, with color and type, per 15 Eggs, \$5, \$3
S. C. Whites, crystal, and good ones, per 15 Eggs, \$3

LAKEVIEW ORPINGTON YARDS

W. F. FRY, Proprietor

908 Farley Building : : : Birmingham, Ala.

FALLS CITY INCUBATOR AND LAMPLESS BROODER

Has an automatic lamp which holds one gallon of oil. Its wick needs no trimming—indestructible. Has both damper and flame regulation. Saves one-half in oil. Ventilation and moisture automatic. **Lampless Brooder**—Kept warm by special **Heating Element**. The only Lampless Brooder that regulator operates both temperature and ventilation. Easily cleaned; perfectly safe; little or no cost. **Breeder of Stay-So S. C. W. Leghorns and S. C. W. Orpingtons.** Eggs from regular matings, \$1.50 per 15. Eggs from my best pens, \$2.50 per 15. Expressage paid on all egg orders. Write and get circulars. I can please you.

ARTHUR MUENCH : : : 2308 Montgomery St., Louisville, Ky.

White WYANDOTTES

Fine white plumage, grand shaped and sized birds. Won first honors wherever shown. **HICKORY**—All firsts on young stock and best cockerel and pen in show; **GASTONIA**—1st, 2d, 3d and 4th cockerel, 2d and 3d pullet; **ASHEVILLE**—1st and 2d pullet, 3d cockerel. Only young stock shown.

BARRED PLYMOUTH ROCKS: Exhibition matings composed of prize winners. Full Standard size, fine barring and excellent markings in every respect. **HICKORY**—1st cock; 1st, 2d and 3d hen; 2d and 3d cockerel; 1st pen.

EGGS—\$2.50 per sitting of 15. Place your order now.

C. M. SHUFORD

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Hickory, N. C.

B. P. ROCKS, S. C. W. LEGHORNS

Eggs from tock full of vigor, size, beauty and utility. Won at Nashville, Sept. 1910, 1st cock; Appalachian Exposition, 3d cock, 4th hen; Lebanon, 1911, 1st cock, 1st and 3d hen, 1st pen and 3d cockerel; **Leghorns**, 1st cockerel, 2d pullet; at Nashville 2d pullet. Orders promptly filled.

MISS ELLA DAVIS, R. 2, Mt. Juliet, Tenn.

ing but loss and disappointment will come to us. This new book contains the following chapters: I.—Requirements of health. II.—The Skin. III.—Legs and Feet. IV.—Head, Throat and Nasal Passages. V.—The Lungs. VI.—the Crop and Intestines. VII.—The Abdomen and Egg Organs. VIII.—Parasites. IX.—Habits.

It also contains valuable suggestions on mating, feeding, housing, selecting breeding stock, how to cure and prevent white diarrhoea in small chicks, etc. This one chapter is worth the price of the book. The price is only 50c postpaid. You can't afford to do without this valuable book and take any chances on losing your valuable birds. With **THE INDUSTRIOUS HEN** one year, 75 cents.

President Doak's Letter

The following appeal has been published by Pres. Doak, and thousands of petitions have been sent out urging a poultry appropriation. The citizenship of the entire State are interested as evidenced by the many letters received at this office concerning it. Tennessee cannot afford to lag further behind in the matter of poultry culture. It is one of the largest, surest and most profitable "crops" we have, and only a start has been made. With an appropriation in proportion to other products received, the poultry values of this State could be increased in a few years from \$15,000,000 to \$50,000,000. There is no one interest in the South that needs assistance from the State more than this. The people are alive to the subject, and all that is necessary to get an appropriation to be used as outlined elsewhere in this magazine is for every one who reads this article to drop a line to his representative in Nashville and ask him to support the Poultry Appropriation bill.

The officers of the Tennessee Poultry Association are: E. Lockert Doak, Hermitage, Tenn., President; Mrs. M.

RYLAND'S S. C. W. LEGHORNS

Indian Runner Ducks, Fox Terrier Dogs, S. C. R. I. Reds. My chickens get my entire time. I HAVE NO OTHER BUSINESS.

A. P. RYLAND, Pine Hill Farm, Pine Bluff, Ark.

POLAND CHINA HOGS

Thoroughbred Gilts of the Big "Peter Mouw" type for sale. They are Registered Poland Chinas. :- :- :- :-

HEBER CILLIS & SON
RIO, ILLINOIS

Hens Will Not LAY and Chicks Will Not GROW

as they should unless they are properly fed and have an abundant supply of pure water. Proper feeding and watering in our extensive yards at Perrysburg, Ohio, has had a great influence in producing our famous **LIGHT BRAHMAS** and **BARRED PLYMOUTH ROCKS**.

Our Norwich Automatic Feeders and Exercisers

permit all chickens over five weeks old to feed themselves just enough of any kind of grain, with just enough exercise, and the sparrows and rats cannot get a grain. Used outdoors in summer and indoors in winter. 20,000 Feeders in daily use, and every user satisfied. Egg yield increased twenty per cent. Feed bill reduced twenty-five per cent.



OUR RIVER HOME POULTRY DRINKING FOUNTAIN

is absolutely necessary for best results with every flock of chickens. Eggs are 70 per cent water. How can you expect your hens to lay satisfactorily without a continuous water supply? Growing chicks will drink every few minutes if they can get water. How can you expect your chicks to grow rapidly without water? Our Fountain holds two gallons. Neatly made, galvanized iron. Easily cleaned. Freezing will not burst it. Inexpensive. Write today for our free Feeder and Fountain Circulars and price list.



RIVER HOME POULTRY YARDS

Yards at PERRYSBURG, O.

Office, No. 11 Port Lawrence Bldg., TOLEDO, O.

E. Utterback, Memphis, First Vice President; Wm. Thurman, McMinnville, Second Vice President; E. E. Carter, Knoxville, Third Vice President; John A. Murkin, Nashville, Secretary; L. B. Audigier, Knoxville, Treasurer.

The Executive Committee consists of E. L. Doak, Nashville; John A. Murkin, Nashville; L. B. Audigier, Knoxville; C. C. Henderson, Murfreesboro; C. E. Coe, Memphis; A. W. Palmer, Chattanooga; J. W. Grigg, Mt. Juliet.

What shall the poultry people of Tennessee, who are numbered by the thousands, expect from our State Legislature at the present session? Are we going to allow the people who are interested in other industries pertaining to farm work get all they want, and we poultry people sit idly by and get nothing? Or will we put our shoulders to the wheel and write to and see personally our Representatives and Senators and ask them not to forget the faithful old Tennessee hen. The State appropriates neat sums in other departments of agricultural work, for the purpose of experimenting, lecturing, inspecting and preaching to the farmers of the State, and yet there is no industry in the State that yields a greater source of revenue

or is in any way more important than is the poultry industry. We do not advocate taking one cent from any of the other departments, they have no more than they need, but we poultry people must look after our interests if we get an appropriation just as sure as we ask for it, and we will not get it unless we do. We must all pull together. I urge you to write your State Representative and Senator today and ask them to support the appropriation bill for the State Poultry Board. Don't wait until tomorrow or next week, it might be too late. The Legislature is now in session, and you must do this at once. It will cost you a few minutes time and a 2-cent stamp, and if you are interested in the further development of this important industry in the State you will not fail to give this matter your immediate attention. Men and woman alike are urged to write, and don't fail to mention it is the appropriation for the State Poultry Board. In an issue of the Nashville *Banner* of Jan. 28, it was shown what had been accomplished in the State of Missouri with a liberal appropriation.

Surely no loyal Tennessean will fail to support a bill calling for so reasonable an amount, when it means so much

TURKEY EGGS WANTED

One or two settings of Holland Brown or Bourbon Red Turkey Eggs. A. V. and E. C. WILSON, Black Mountain, North Carolina.

WHITE WYANDOTTES

PRIZE WINNERS, EGG LAYERS
Some choice cockerels for sale. Eggs for setting.

W. W. EARLY
Box 1 : : Lexington, Kentucky

BUFF LEGHORN Winners

First cockerel; first, second and third pullet, and first pen at Columbus, Miss. First pen, special shape and color at Jackson, Miss. Stock and Eggs for sale.

Eggs—\$2.00 for 15, \$5.00 for 50

HARRY DODENHOFF West Point, Miss.

EGGS FOR HATCHING

From high-class White Plymouth Rocks. Good layers, good breeders. Fishel and other leading strains.

E. W. CREDER : Route 1, Marlon, Ky.

REST AND HEALTH TO MOTHER AND CHILD.

MRS. WINSLOW'S SOOTHING SYRUP has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN WHILE TEETHING, with PERFECT SUCCESS. It SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHEA. It is absolutely harmless. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

COLUMBIAN WYANDOTTES

Are unsurpassed for beauty and utility. My winnings at the recent Charlotte Show were 1st, 3d and 4th hen, and 2d, 3d and 4th cockerel. Stock and eggs for sale.

A. P. WHITE : : **CHARLOTTE, N. C.**

Barred PLYMOUTH ROCKS

American BEAUTY Strain



We have been breeding the Barred Rocks for the past 18 years. Our Rocks are as good as the best. **EGGS—\$2.00 per 15.** Only one quality—the best. A fair hatch and a square deal guaranteed every customer.

W. C. & H. MEEK
Gadsden : : Alabama



TRY SIXEAS' FAMOUS POWDERS AND WATCH THEIR MAGICAL EFFECT



One application of lice powders eliminate all lice and mites. **Trial Box, 25 Stamps; 5 lbs. \$1.00.** My egg powders stimulate egg production and causes fowls to lay fertile eggs that will hatch out vigorous chicks, free from disease. Expert advice on all matters relating to poultry, 25c per letter. I have had as wide experience, and more commercial poultry has passed through my hands, than any other individual living.

GEORGE SIXEAS : : New Castle, Craig County, Virginia

Exhibition BUFF PLYMOUTH ROCKS

Raleigh, N. C., March 1, 1911.

To THE POULTRY PUBLIC—The Acorn Hill Poultry Farm, Raleigh, N. C., has this day purchased "Prince" and "Gold Boy," two of the best males living; also my entire flock of famous prize-winning, this year's breeders, with the privilege of filling all egg orders this season. The Acorn Hill gentlemen are well-known breeders of the highest merits. Wishing them success, I am, Resp'y, **Henry J. Hervey.**

Write for Circular. Eggs, \$3 per 15. Send Orders to

THE ACORN HILL POULTRY FARM : : Raleigh, North Carolina

Barred PLYMOUTH ROCKS

Bradley and Thompson strains. Large, fine birds of right color. We have 50 hens, hard to fault, and all our males are from great winners. Two of them won first at Birmingham and Montgomery, 1910. We want some orders for eggs at \$1.50 per 15. Send remittance with first letter. We return all that cannot be promptly filled. -- --

T. U. JONES : : Orrville, Alabama

WHITE ORPINGTONS of QUALITY

For the hatching season I have mated up four pens of the classiest S. C. White Orpingtons to be found in this country. Birds bred direct from **Madison Square Garden and Philadelphia Winners** and there are no better individuals or better bred birds anywhere. Will only sell a limited number of eggs from these matings. The price will be \$5.00 and \$10.00 per setting of 15 eggs. If you want the best, write me.

FRED WOOLLCOTT : : : Raleigh, N. C.

RHODE ISLAND REDS

— ROSE COMB —

The money makers of the fancy poultry business, combining beauty, fancy qualities and utility. Our stock is recognized as top notchers, winning majority of prizes wherever shown. If you want to buy first-class stock or eggs at reasonable prices, write for mating list.

PEYRAT & ROY : : : Box 32X, Jeffersonville, Ind.

"DIXIE STRAIN"

Single Comb Black Minorcas

They win at the largest shows and are direct descendants from the best Minorcas in the world. They lay equal to none. Two pullets laid 400 eggs in one year. A few choice birds for sale at reasonable prices. **EGG ORDERS BOOKED** for future delivery at \$2.00 per setting.

OAK SHADE POULTRY FARM
ERNEST V. CRIST, Manager : : : Box B, Timberville, Va.

to the agricultural interests of the State. Are we Tennesseans content to sit with folded arms and let other States forge to the front as poultry producing States, when as a matter of fact there is no State in the Union that offers such advantages for successful poultry raising as does the old Volunteer State. Let us be up and doing. It is estimated that the value of the poultry production of Tennessee last year was upwards of \$15,000,000. Let us make it \$30,000,000. Look at our sister State of Missouri, who rolled up the enormous sum of \$42,000,000 last year for its poultry and eggs. The Tennessee Poultry Association of which I have been honored with the presidency, is going to do its part in this great work. My word for it. We need assistance, and we have a perfect right to expect it from the State, and we are going to get it. Will you be one to help us? Write today to your Representative and tell him to support the appropriation bill for the State Poultry Board. — **E. LOCKERT DOAK** President of the Tennessee Poultry Association.

Awaken to a New South

You Northern manufacturers, you advertisers—do you realize the magnificent field that the South of today presents? The industrial regeneration of the South is news to the world. It is a big thing after years of adversity. You advertisers whose mental grasp of Southern business conditions is still hitched to a business picture two decades old—you have not kept the pace the South has set in its marvelous regeneration. A few Northern manufacturers already have blazed a business trail through the New South—their campaigns have won and these business scouts beckon the rest of you into a new, virgin field. Mark Sullivan, after an extended tour of the South, was amazed at the wonders of the new business field. You advertisers, always ambitious to expand, have now a great country in which to expand your forces amid 28,000,000 people. The true principle of Southern hospitality breeds admiration for meritable articles—that's why Southern campaigns win under proper coaching. However, Northern advertising methods in their entirety, are not applicable to the South. This

UNITED POULTRY YARDS

Barred Rocks and M. B. Turkeys

Have been breeding Thompson's "Ringlet" strain for ten years. Eggs, \$3.00 per 15. Get my prices on Turkeys.

JOHN BARBEE, Hartsville, Tenn.

Barred and Buff Rocks

Best Strains in the South

Can furnish eggs from both varieties at \$1.50 per setting of 15. I guarantee satisfaction.

MRS. J. BURKHART, Hartsville, Tenn.

Buena Vista Poultry Yards Hartsville, Tennessee

Columbian and Partridge Wyandottes. Prize-winners at Nashville. Eggs at \$2 per 15. S. C. R. I. Reds—Eggs, \$1.00 per setting of 15. Satisfaction guaranteed.

BLACK MINORCAS EGGS, \$2 per 15

I have the same strains that captured the first prizes at the Tennessee State Fair and Appalachian Exposition last year. Birds as good but my eggs are cheaper. MRS. L. S. COLLINSWORTH, Castalian Springs, Tenn.

BUFF LEGHORNS

Winners Wherever Shown

My Leghorns are Buff throughout, and are unsurpassed as layers. Eggs, \$1.50 per 15.

S. HOYAL JOHNSON

Route 2, : : Brush Creek, Tenn.

Mottled Anconas

The World's Most Beautiful and Profitable Fowl. Winners at South's leading shows. Eggs—\$2 and \$3 per 15. No stock for sale.

DISMUKES & ARRINGTON

Castalian Springs : : Tennessee

WHITE WYANDOTTES

My birds are the sensation of this section, having typical shape and color. Eggs at \$2 per setting of 15.

S. R. TINSLEY

Hartsville : : Tennessee

BUFF ORPINGTONS

Not the best in America, but they are honestly represented. Prize winners wherever shown. Eggs, \$3 per setting of 15.

DR. C. L. GRAY

Lebanon : : Tennessee

EGGS FOR SALE

Buff Orpingtons at \$2.00 per 15; S. C. W. Leghorns, \$2.00 per 15; fawn and white Indian Runner Ducks, \$1.00 per 12.

MRS. E. S. PAYNE

Castalian Springs : : Tennessee

White EMBDEN GEESE THE MONEY MAKERS

The best stock to be found in the South. A few eggs to spare at 25 cents each.

MRS. J. J. UPSHAW, Hartsville, Tenn.

RHODE ISLAND REDS SINGLE COMB

My Reds are RED, not buff. Eggs are moderately priced at \$1.50 per setting of 15.

MRS. M. F. HALL, Hartsville, Tennessee

Brown Leghorns Light Brahmas R. C. R. I. Reds

We furnish eggs for hatching from any or all of these varieties at \$1.50 per 15, and guarantee fertility and satisfaction. WALKER & CULLOM, Hartsville, Tennessee.

Orders for combinations of different breeds from different breeders should be addressed to
C. V. GWIN, Secretary, Hartsville, Tenn.

must be taken into consideration: Southern people are slower to act upon the impulse the advertising arouses. But continual hammering home of the truth, when once acted upon by the consumer, produces a steady customer and invariably a long string of repeat orders, for deep-seated conviction is the impulse upon which the Southern family buys—and the repeat orders furnish the natural sequence. The development that is going on within the South today is truly wonderful. The old idea that the Southern people are a go-easy sort has vanished.—*Judicious Advertising.*

Do You Know Hummel?

This query undoubtedly brings to the mind of many of our readers as well

S.C. Brown LEGHORNS

Bred to Win and Lay

Won 1st cock, 1st and 2d cockerel, 3d hen and 2d pullet at Tennessee State Fair, 1909. Won at Tri-State Fair, Memphis, 1909, 2d hen, 3d cock, 3d pull t, 3d pen. At Lebanon I exhibited eighteen birds that scored from 90% to 94 points. I won first cock, 1st cockerel, 1st and 2d hen at Tennessee State Fair and 1st cock at the Appalachian Exposition Poultry Show, 1910. They are line bred and show their strong breeding points. Eggs from seven choice matings \$2 to \$5 per 15. Eggs from utility matings \$1 per 15 and \$4 per 100. Write for mating list.

J. W. LEEMAN

Henderson's X Roads : Tennessee

as the readers of many other poultry, farm and other publications, the Hummel Poultry Farm at Freeport, Ill. S. A. Hummel, proprietor. Mr. Hummel has been carrying on his poultry business at Freeport, Ill., successfully for many years. He is breeding some fifty varieties of good standard-bred birds including turkeys, geese and ducks as well as chickens and from which he sells eggs for hatching at moderate prices. His 1911 catalog will be mailed free to all who mention THE INDUSTRIOUS HEN.

How to Fix a Hen's Nest

The kind reader will say that a hen does know herself how to fix a nest. This indeed is true, but sometimes it is so necessary that you give the poor bird your kind assistance. How often it is neglected where people fail to provide the chicken with good fresh lay wherefrom she can build her nest. This ought not to be done once a year, but once a month. Sprinkle some Zenolium at the bottom of the nest as this will absolutely keep mites and lice away. Always have coops where you build nest in facing south when weather can touch same.—MRS. FRIEDA KAUTZ.

How Smyrna, Ga., Was Founded

According to the Atlanta Georgian, Smyrna, Ga., was hatched from an egg. Loring Brown taking the egg to that town only a few years ago, when the town had less than 200 inhabitants. It now has 1,000 and they were all induced to go there by the lively cackle of the progeny of an egg.



How to Make Money Raising Poultry

Illustrated

PRICE 50 CENTS

Fac-simile of Cover Page

Wealth in Poultry

300 page book shows you. Illustrated. Teaches how to raise for profit. 200 vital subjects indexed. 20 disease cures. Book is worth \$5, mailed for 50c; or with "Industrious Hen" 1 year for 75c. Money returned if not satisfied. Circular and sample of "Industrious Hen" leading Southern poultry journal, FREE.

INDUSTRIOUS HEN CO. KNOXVILLE, TENN.

WHITE, BUFF ORPINGTONS

BLACK LANGSHANS

PEKIN and INDIAN RUNNER DUCKS

Are choice, cheap, charming. Sixty-four first premiums at five 1910 shows, including Tennessee State Fair. Stock and eggs for sale. Day-old chicks a specialty. Satisfaction guaranteed.

Also Berkshire Hogs, Collie Dogs.

W. E. LUMLEY Tullahoma, Tenn.

Crystals of Pure Lime Rock

Specially prepared and sized for poultry. Used and highly recommended by many progressive poultrymen. Combines the grit essential to the health and growth of the fowl with the Pure Carbonate of Lime required for egg-shell formation. We will ship a 100 pound bag, freight prepaid, to any point in Virginia, Carolinas, Tennessee or Georgia, on receipt of \$1.00 cash, money order or check.

CRYSTAL LIME CO., Fletcher, N. C.


**Poultry Cuts
A Specialty**


Commercial Engraving Co.
L. A. WILLIAMS, Proprietor
 HALF TONES ZINC ETCHINGS
 DESIGNING ILLUSTRATION
 COLOR PLATES
 604 1/2 GAY STREET KNOXVILLE, TENN.

"TYCOS"
**Incubator
Thermometer**

is the Quality Mark in Incubators. The higher grade machines are equipped with "Tyco's" instruments. Insist on the genuine, "Tyco's" Incubator Thermometers, each, 75c. "Tyco's" Incubator Hygrometers, each, \$1.50. Send for free booklet, "Incubator Thermometer Facts Worth Knowing."

ACCURACY
 ROCHESTER N. Y.
 Taylor Instrument Companies

Print a Picture of Your Breed on Your Stationery

We have hundreds of cuts of poultry, pigeons, ducks, geese and turkeys from one to ten inches square. You should have your stationery illustrated. If you prefer to use a cut of one of your own birds send us the photograph. We have excellent facilities for making the very best half-tone cuts that may be used in poultry journals or on stationery. Ask for proof of cuts of any breed you like, mentioning size. They will be sent free.

THE INDUSTRIOUS HEN CO.,
Knoxville, Tenn.

S. C. BUFF LEGHORNS

THE QUALITY KIND

ROBERT P. ADAMS
R. F. D. 1, Lynchburg, Va.

Rose Comb R. I. Reds

Won at Illinois State Show, Springfield, 1st and 4th pullet, 4th cock, 4th cockerel, 2d and 3d hen and 3d pen; also best colored cockerel, best colored female and best shaped female. Eggs for sale. Send for mating list.

J. L. BROCK : Bethany, Illinois

Ideal Strain S. C. White Leghorns and Indian Runner Ducks

Nothing but high-class stock used for breeders. Eggs from all pens of Leghorns, \$2.00 per 15; Ducks, \$1.50 per 13. No stock for sale at present. Satisfaction guaranteed or money refunded.

D. M. JONES, Kizer, Tenn.

FIRST HEN and COLOR SPECIAL on BARRED ROCKS

at Cleveland, 1911, in the largest ceass ever shown there. EGGS—\$3 per setting. Stock.

F. A. STARR
Newton Falls : : : Ohio

Trousdale County Association

Trousdale County, Tenn., has organized a Poultry Association. The organization was perfected at Hartsville, Tenn., February 25. The following officers were elected: T. F. Perkins, president; I. C. Walker, first vice-president; Miss Nerma Crenshaw, second vice-president; Mrs. J. G. Arrington, third vice-president, and S. R. Tinsley, secretary-treasurer. The annual show will be held at Hartsville, Tenn., December 1911.

The association is indebted greatly to Mr. Jas. B. Dismukes, the "Hired Man" of THE INDUSTRIOUS HEN, of Knoxville, for some very valuable suggestions in the work of organization.—Nashville Banner.

Mongrels vs. Pure Breds

The greatest drawbacks to the poultry business is the idea that just the common hens, of no particular merits, are just as good as a variety of pure breeds that have been bred to lay. This is not an exceptional idea, but a very, very common practice. It is almost invariably the case where poultry is a side line, while if they were pure-breds of some standard variety they would give a much greater profit. While the above-mentioned flocks are almost always mongrels, they are generally very poorly fed and housed.

Such flocks handled in this way will not be profitable in winter when eggs are high. They will only lay in spring

and summer, when eggs are cheap, being of various colors, shapes and sizes, and sell as commons, and are not fit for hatching purposes. They are just as much expense and trouble, however, as pure breeds, so why not take up the pure-bred fowls, fowls that are pleasing to the eye and attractive in every way, besides yield a much greater per cent of profit. Build some comfortable houses, coops and run; they need not be expensive. Adopt some good method of feeding; introduce new blood from year to year aim at both egg production and beauty. Study your breeds, take a few good poultry journals, and you will become not only interested in your fowls, but you will find that they are a source of great revenue to you.

The Nashville Banner

The first newspaper in the South to start a poultry department for the purpose of boosting the industry was the Nashville Banner. It has made good with its Poultry Department which appears every Saturday, and is read with much interest by its thousands and thousands of readers. Much credit is due this enterprising paper for the manner in which it has handled this department, and much of the success of the industry throughout the State and adjoining States, is due to the Banner's efforts in bringing this important industry to the attention of the people.

WHITE WYANDOTTES

"KE-KI-ON-GA" Strain

Are winter layers and winners. Get your eggs now; don't wait any longer. Best pens, \$3.00 per 15; utility pen, \$1.50 per 15.

WM. C. F. EHRMANN
Route 4 : : New Haven, Ind.

Mapleton POULTRY YARDS

Are booking orders for eggs at \$2.00 per setting of 15, ready for delivery now. Also have a few fine cockerels left for sale. We breed only GOLDEN WYANDOTTES and are glad of it.

MAPLETON POULTRY YARDS, Sta. B, Nashville, Tenn.

G. A. HARRISON, Proprietor
Member National Golden Wyandotte Club

KING LEAR AT STUD

This fine young stud, twelve months old, out of Beauty Bright by Ben Hur, is the most perfectly marked, sable and white Collie we ever saw. He has a fine head, perfect ear-carriage, elegant coat and is as bright as a dollar. His dam is the daughter of Anfield Major Ch. Anfield Model, Ch. Parbold Piccolo. out of Ch. Cordia, Brandane Clinker Wishaw Princess. Stud fee \$10.00. Will sell him for \$150.00.

KNOX COLLIE KENNELS,
Knoxville, Tennessee.

Pure-Bred Poultry on the Farm

Many farm poultry raisers seem to think that pure-bred fowls are for the "chicken fancier," and intended more for the show room than anything else, to win prizes. This is altogether a wrong idea. Pure-bred poultry on the farm will greatly increase the profits, and there is no farm in this whole country but what should discard the common-bred stock. It has been proven time and again that it pays to raise standard-bred poultry, and when a farmer once engages in the business of raising good stock, he will never go back to the "old way." He is convinced for all time to come, and becomes progressive in this branch of stock raising as well as other branches.

The farmer has every advantage to make poultry raising profitable—his fowls have absolute freedom, if he cares not to yard them, nearly every article of the best poultry ration can be home grown, in fact, every condition that is needed to make a success of the business, is at hand, and with practically little or no expense, after he secures the breed that he desires, the farmer is ready for business. He must, however, study the business and understand the poultry as he does his cattle, hogs, sheep, etc., and by growing pure-bred stock instead of mongrels he will find, if he keeps a record as he should do, that there is much more profit in the pure-breds than the common mongrels.

The Dr. Holloway Strain of Single Comb White Leghorns

Galesburg Fancy Poultry Plant, Dr. J. C. Holloway, manager, Galesburg, Ill., are making a specialty of Standard Line-bred, Single Comb White Leghorns, and have produced and brought together in one flock a specially strong line of birds which includes Kansas City and Omaha winners. They have also selected and bred their Leghorns for heavy laying qualities as well as exhibition merit, and write us that they still have some high class cockerels for the trade, also eggs from specially fine matings this season. Note their advertisement in this issue.

Baby Chicks and Ducks

A popular way to acquire poultry stock is to purchase day-old chicks and ducklings. It saves the trouble and risk of hatching, and it costs less to equip a moderate-sized yard. Nature itself makes the baby chick business a success, as young chicks should not be fed for two or three days after they are hatched. "Afton Farm" babies have lots of stamina and may be shipped several hundred miles—they will

Reach You Safely—and Live

Shipped in corrugated cardboard boxes made especially for the purpose. They'll reach you in good condition and develop rapidly.

MAMMOTH IMPERIAL PEKIN DUCKS

SINGLE COMB WHITE LEGHORNS
BARRIED PLYMOUTH ROCKS

WHITE WYANDOTTES
CORNISH INDIAN GAMES

To succeed with poultry, start with and keep only the best of breeding stock. That policy has made this the most successful poultry farm in the country. "Afton Farm" fowls are vigorous and have large, well-shaped bodies; make heavy layers and command fancy market prices.

START RIGHT, with some "Afton Farm" Baby Chicks—there's no better breeding stock. Write for our book "FACTS FROM AFTON FARM"—it's FREE, and tells all about our superior stock, with prices, etc.

AFTON FARM

Box D-15 S. B. & E. W. TWINING
YARDLEY, PA.

The Industrious Hen, 3 years, for \$1.00

MY WHITE WYANDOTTES

Again Win at Indianapolis. For years my birds have been winning at Toledo and Indianapolis. Eggs from pens containing winners at \$3.00 per 15, \$5.00 per 30, \$8.00 per 50. Order direct from ad.

Genuine Indian Runner Ducks

Foundation stock—one of the first importations from England—and bred in line by me for the past ten years. Pure white eggs and lots of them. Green eggs and slate-colored plumage are sure indications of mixed blood. Eggs, 2.00 per 13, \$3.50 per 26, \$8.00 per 50.

GEO. BARKDOLL

Box 218, West Unity, Ohio

Plant's Single Comb R. I. Reds

Winners at Georgia State Fair (The Quality Show), Macon, 1910: First cockerel, class of 25; first hen, class of 17; first pen, class of 12; and second pullet, class of 25. Largest and Best Display of Reds, both combs competing. A few choice cockerels for sale at \$5.00, \$10.00 and \$15.00 each.

EGGS—\$1.50, \$3.00 and \$5.00 per 15. SATISFACTION GUARANTEED.

R. H. PLANT

Box 50, Route 1

Macon, Ga.

"Tompkin" Strain S.C. Reds, "Kellerstrass" White Orpingtons

Eggs, \$2.00 to \$3.00 per 15.

Eggs, \$4.00 to \$7.00 per 15.

WRITE FOR MATING LIST

BERNICE POULTRY BLOCK : : Bernice, Louisiana



KNIGHT'S S.C.W. LEGHORNS and B.P. ROCKS

For several years have been bred from both a **UTILITY** and **FANCY** standpoint. **THEY ARE MONEY MAKERS**

Breeding stock and eggs—prices according to quality. Satisfaction guaranteed and correspondence gladly answered. References: Athens Bank & Trust Co., First National Bank.

RALPH P. KNIGHT

: : :

Athens, Tenn.



BUFF WYANDOTTES

**Winners at Pine Bluff Show
December, 1910**

In the best class of Buffs exhibited, I won 1st cockerel; 1st, 2d, 3d, 4th and 5th pullet; 1st pen and loving cup. **Eggs, \$5 per 15.**

White WYANDOTTES

Won First Pen and Silver Cup

Eggs, first pen, \$5.00; second pen, \$2.00. Fine cockerels at \$5.00 that will score 93 and better.

W. T. ORTON
ORTON HOTEL PINE BLUFF, ARK.

WHITE ROCKS

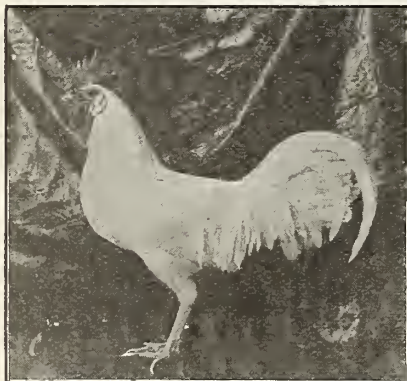
—OF QUALITY—

Eggs for sale from prize-winning pen of Fishel birds, headed by 1st cock at Burlington, Raleigh and Asheville, North Carolina, only places shown.

PAUL P. BROWN, Asheville, N. C.
State Secretary White Plymouth Rock Club.

GABHART'S WHITE LEGHORNS

Are Layers Are Winners



"PEARL BOY"

"Untouched" photo of the champion cock and sire of many winners.

**Here Is the Result of Seven
Years of Line Breeding:**

All firsts, two cups and five specials at Louisville and Lexington, 1910. Two firsts on four entries at Appalachian Exposition. Twice as many points as my competitors at Kentucky State Fair. Also winners at Cincinnati and Nashville. Pairs, trios and pens that will start you right. A few high-class cockerels left. Eggs, \$2.00; special mating, \$3.00. Eggs from pure stock on range, \$1.25; 100, \$5.00.

W. E. GABHART Box M, Bohon, Ky.

A New Era In Chick Hatching

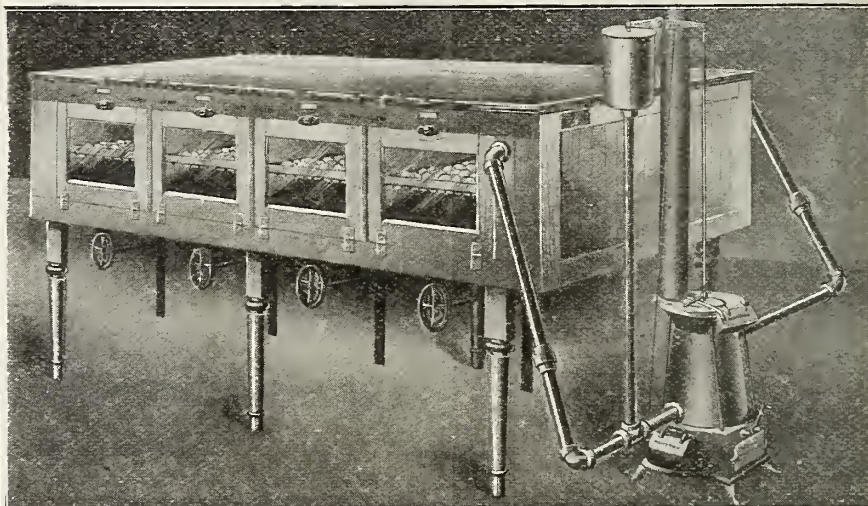
Whoever thinks that we have in the past been hatching the most chicks possible from a given number of eggs, that we have been doing it at the least expense, that we have been getting the biggest, the best developed and strongest chicks and ducks possible, needs to have an insight into what is being accomplished by a great poultry concern at Newtown, Penna.

Travel out of the City of Philadelphia one hour by rail in a northeasterly direction and you come to Newtown, one of the famous old historical towns of this region, but which is destined to become more famous through discoveries and inventions which are putting the poultry industry on a more profitable basis than ever it has been before.

Here at Newtown is located the Newtown Producing Company, which is operating one

experience with small lamp-heated incubators had proven them far too expensive to operate and dangerous, and that their labor in attending them was so great that they were forced to discard them. No particular makes were favored in purchasing. They had chosen the best. They had also purchased and installed two large incubators, each of some ten thousand egg capacity. Although these were the best machines then obtainable, they saw in their hatching unnecessary waste, which they regarded as criminal. They believed something better was possible and set about building their own great incubator, after their own ideas, drawing on their own experience. The Newtown Giant Incubator was the result.

See this Newtown Giant Incubator in operation, as it is at work at Newtown, and scores of other places, and you cannot help but be impressed with the compactness, the exactness,



A NEWTOWN LITTLE GIANT INCUBATOR

of the largest commercial poultry yards in the country. It is not a new concern. It has been going for years and had always been a profitable enterprise. The Newtown White Leghorns, their eggs and baby chicks, have gone all over the country. But in recent years the business has had a sensational growth. They now have upwards of 5,000 laying hens, all being the Newtown laying strain of White Leghorns. Their incubating capacity is 30,000 eggs. Within a few weeks last spring they shipped 80,000 baby chicks to poultrymen all over the eastern half of this country and Canada.

Out of this great poultry business has grown the Newtown Giant Incubator. It literally grew out of the needs of the business. Mr. H. L. Watson, manager of the company, is emphatic in attributing to the Giant Hatching Machine much of the company's present prosperity. To a visitor he declared that their

the neatness, and the wonderful simplicity of the whole life-giving machine. As you view it with its modest little heater away off at one end, doing its work so quietly and steadily, you would not know that the great hatching plant is in operation, if you did not see the eggs through the glass door. And yet there may be from 2,100 to 25,000 or more chicks or ducks, or both, being brought as quietly and as surely to life within its walls as seeds are made to quicken and grow in the moist soil under the rays of the sun.

The Newtown Giant Incubator consists of a number of units of 300 eggs each. There may be seven, making a 2,100-egg incubator, or there can be almost any number more. Here is one great beauty of this Giant hatcher. It is a plant that can grow. You can start with a 2,100-egg Giant, and you can increase it as your business demands. It is an easy matter to add a unit of two compartments of 150

R. C. RHODE ISLAND REDS, INDIAN RUNNER DUCKS

Prize winners at Central (Indiana) Show, 1911; Indiana State Fair, 1910; also at Indianapolis Show. My Ducks are true fawn and white and have never been defeated at any show. One drake has won first prize in five of best shows in Indiana, 1910-11. R. C. Reds are noted for color, shape and laying qualities. Eggs, \$3 per 13 from pens; \$5 per 100 for utility eggs.

B. B. BENDER

: : :

Zionsville, Indiana

HACKETT'S GAPE CURE

KILLS THE WORM AS
WELL AS THE GERMS



T. C. HACKETT
REGISTERED HILLSBORO, MD.



THE NEW WAY.

It's a powder; the chicks inhale it. You can save your chicks, even after they refuse to eat or drink, by using **Hackett's Gape Cure**. Ask your merchant for it.

PRICE, 25c; BY MAIL, 35c

If you wish to know more about **Hackett's Gape Cure**, just drop us a postal. Dealers wanted. Prices and list of jobbers for the asking. Address,

HACKETT'S GAPE CURE CO.

Department H : : : Hillsboro, Md.

eggs each. A capacity of 24,600 has been shown to be practical.

The Newtown people find their expectations fully realized in their Giant Incubator. That is saying much because their expectations were high. An ordinary hatching machine would not have satisfied them. They set out to produce something not only better, but materially better, than anything in existence. Not only have they succeeded in doing this, but they point out to you specifically the how and the why of that superiority.

Formerly two large incubators of another make were in use in the Newtown incubator cellars. They were each of the thousand-dollar type—no mean sum to invest in incubator equipment, and certainly rather high-priced machines to dismantle, and throw aside. But the dismantling process came. The weaker had to give way to the stronger hatcher, notwithstanding the money invested, because it was a money-making proposition to do it. One of these thousand-dollar, 10,000 egg machines has already been dismantled to give place to a Newtown Giant. The second is maintained and operated for the present simply for the purpose of comparison.

Here is a most remarkable fact: Operators of the Newtown Giant Incubator hatch about ten more chicks in each compartment than they can hatch with other makes of machines. Ten chicks to the compartment means 400 chicks to each hatch of a 40 compartment (6,000 egg) machine. If but six hatches are made during the season, that would mean 2,400 chicks which at 20 cents each, the ruling price at this time, means a difference in profits of \$480. A very respectable profit by itself.

Next to number of chicks, comes vigor and strength. In this respect also the Giant is making a record. The chicks come with the strength to live. They do not stick in the shell. It is a most remarkable fact, found by actually weighing, that chicks hatched in a Newtown Giant Incubator weigh more than those hatched in other incubators under the same conditions by over eleven per cent.

This remarkable showing of superiority in the Newtown Giant is attributed by the Newtown people to certain distinctive and exclusive features in their machine which now for the first time apply hatching principles correctly.

Chief among these are moisture and ventilation, and the right use of the carbonic acid gas generator in hatching for the softening and rotting of the egg shell, so that the chicks may be able to get through without "sticking" or being found "dead in the shell."

Moisture and ventilation in the Newtown Giant are on a scientific basis. It is a well-known fact that the nature always places sufficient moisture in the egg to hatch it. All that is necessary is to preserve that moisture. The Newtown Giant Incubator does preserve it. It is never necessary with this machine to supply moisture artificially. This is apparent, first, from the unusually large hatches of vigorous chicks without supplying any moisture. Secondly, from the greater weight of the chicks, proving that less moisture was evaporated, and thirdly, from the fact that during the hatching periods, and especially from the 18th day on, ample moisture hangs in drops and beads on the inside of the glass doors. This matter is enlarged upon, and the reasons therefor fully given in

Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the World. I keep 2000 of the celebrated Chamberlain laying strains on my Experimental Farms, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or Rose Comb Brown Leghorn or Single Comb Black Winona or V. Orpington Eggs, \$2 per sitting. Leghorn eggs, 13 to a sitting; other varieties, 15 to a sitting. Leghorn eggs, \$8 per 100; all other varieties \$10 per 100. Large White Pekin Duck Eggs \$2 for 10 Eggs. This is a rare chance to get a start of extra fine stock. Send Post Office order on St. Louis and have your orders booked early. Write for our prices on Old Trusty and Buckeye Incubators. Freight paid. W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, St. Louis County, MO.

NOTICE:

I will offer the balance of this season's eggs from well mated R. C. Reds that are Reds and not Buffs at \$1.25 per 15. Also a few of select cockerels from \$1 to \$2 each—good ones, not culls. Let me hear from you. I can and will please you.

MARION OLIPHANT
Specialty Breeder of Reds
KENTWOOD, LOUISIANA

The Greatest Incubator Offer in the History of the Business

NEVER before have you had such an opportunity to get such a remarkable machine. Never before in the history of the entire incubator industry has such big value been offered the poultrymen of America. And I know. For over 29 years I have been supplying Incubators and Brooders to the most experienced and most successful men in the business. They know the value I offer. They know that the name Reliable on an Incubator or Brooder stands for efficiency, perfect operation and the best possible workmanship. Reliable Incubators are all famous batchers—record breakers and bank account builders. Scientifically correct in every detail they are today the most economical you can buy any place regardless of price.

And I Guarantee every machine that leaves my plant. I give a big liberal guarantee that covers everything—perfect operation, perfect material and perfect workmanship. You'll never find a flaw in the machine that carries the Reliable trade mark. Now here is my offer:

100 Egg Reliable Only \$7.15

The same big fine machines that has been doing such good work for over a quarter of a century. The same good old Reliable quality—the same dependable batchers that are money coiners and only \$7.15 for the 100 egg size. Has all the very latest improvements. These prices include everything. The perfect hot air double safety heating and ventilating system. The finest lamp and thermometer.

Why do you waste your good hard earned money on some paper or iron walled flimsy contrivance when the big dandy Reliable costs you about half of what you expect to pay for a first class machine.

I Pay the Freight to any shipping point east of Denver. Prices west of Denver on application. Reliable Brooders are the same good quality as Reliable Incubators. **80 Chick \$3.90; 120 Chick \$5.95; 220 Chick \$6.85.** Order one of these big fine machines today and also send for my Free Book. It's of value to every poultryman whether large or small.

J. W. MYERS, Pres., Reliable Incubator & Brooder Factory, Box A32 Quincy, Ill.

**65 Egg \$ 5.35
220 Egg 11.50**



Send For My Free Poultry Information. It Will Give You Lots of Valuable Pointers.

EGGS! EGGS!!

S. C. White Leghorns, White Wyandottes, Embden Geese, Indian Runner and Pekin Ducks. Send for mating list.

F. H. SHREWSBURY : Deputy, Indiana

McKINSTER'S WHITE WYANDOTTES WORLD'S FAMOUS

WINNERS at the Great Louisville and Indianapolis Shows. My famous cock bird, twice winner of first prize, and 1st, 2d cockerel; 1st, 2d pullet; 1st, 2d hen, and twice winner of first pen, Louisville, 1910-11. Also 1st hen, 2d pullet, 3d cockerel and 4th pen, Indianapolis, 1910-11. Pronounced by experts the best shown, and many customers owe their success to my strain. **EGGS—\$2, \$3 and \$5 per 15.** Send for free booklet.

OAKLAWN FARM : E. L. McKinster : Corydon, Ind.

EGGS FOR HATCHING

From the Famous Shenandoah Valley Thoroughbred Poultry. Famous not only for their beauty, but acknowledged the greatest winter layers in America today. Ten leading varieties. Old Dominion Strain. Write today for free catalogue, which describes our stock and gives some of our winnings.

SHENANDOAH POULTRY FARM : Maurertown, Va.

R. C. Rhode Island Reds and Embden Geese

We have a few good breeders for sale. Some cocks and cockerels from \$2.50 to \$5.00 each. Order from this ad. or write us at once.

A. L. STEPP & SON Irving College, Tennessee



S. C. RHODE ISLAND REDS

Prize Winners in Four States, 1909. Only shows made in 1910, won 2d and 4th pullet, Nashville, and 5th pen, Memphis, in a large class. My birds are better than ever and can furnish you any quantity of eggs at \$1.50, \$2.00, \$3.00 and \$5.00 per setting of 15. Also **Day-old Chicks** at reasonable prices, stock considered. Having put in a 2,400-egg Candee Incubator and Nursery Brooder, will hatch eggs for the public at \$1.25 for 75.

CHERRY RED FARMS, Binghamton Branch, R. 3, Memphis, Tenn.

Successors to **CHERRY RED POULTRY YARDS**
Proprietors—W. F. HOUCK and D. E. MACGOWAN D. E. MACGOWAN, Manager

GEM INCUBATOR



\$7.00 and UP

Two Hatches Free Five Year Guarantee

The Gem is the wonder of the whole incubator industry. Here's the secret. Every Gem has the "know how" built in—the result of years of careful study and experiment. The Gem is different—better. We determined that the Gem should be the best incubator made—and it is. Each Gem carries an unqualified guarantee for five years to support our claim. Listen—Anton Feipel, Ohio, writes, "The Gem is good enough for us, and we highly recommend it. From 131 fertile eggs received 122 chicks." Here is more proof:

Hudsonville, Mich., May 14, '10.
Gentlemen: We have just received the brooder, and the man I sold it to was well satisfied with it. We have taken one hatch out of our new incubator and we got 185 chicks out of 240 eggs. It hatched all the fertile eggs except 4. We hope we will favor you with some more orders soon, because I am getting more orders for day-old chicks than I can fill. They think the chicks are stronger out of the Gem than any other incubator.

Yours very truly, Mr. Tim Beek, R. No. 4.

Celina, O., Sept. 5, '10.
Gentlemen: We are well pleased with the incubator and brooder we purchased from your agent, Mr. Joseph Turckes, Celina, R. R. 7, Mercer County, Ohio. We hatched five times, and from 125 to 131 fertile eggs. We never seen an incubator before; also we had no experience. The Gem is good enough for us, and we highly recommend it. With this we are sending photograph from the first and second hatches. Respectfully yours truly, Anton Feipel.

Steel, Ohio.
Dear sirs: Our first hatch came off all right. We got 75 chickens from 100 eggs, which were bought at a country store. I think we would have gotten more if we had not neglected the incubator when the first chickens began to come out. They are two weeks old now and we have just lost five of them. Yours truly, Fletcher Benson, Box 131.

Our files are full of such letters.

DOUBLE WALLS—Heavy Metal Parts

The Gem is made of high-grade material and substantially built throughout. Has features found in no other incubator. Removable Chick Tray and Nursery is a feature with which all breeders are delighted. The Gem is most easily operated and easiest for either beginner or expert to handle. Requires but five to ten minutes of attention every 24 hours. Perfect ventilating system.

60 DAYS FREE TRIAL

Ask your dealer. If he can't supply you, write us and we will ship you direct. Test the Gem these 60 days. If not satisfied you needn't keep it. That's fair, isn't it?

MAKE MONEY WITH THE GEM. Send for our handsomely illustrated catalog. It tells how you—gives directions—reports from users—and it's free. Write today.

Gem Incubator Co.
Box 407 Trotwood, Ohio

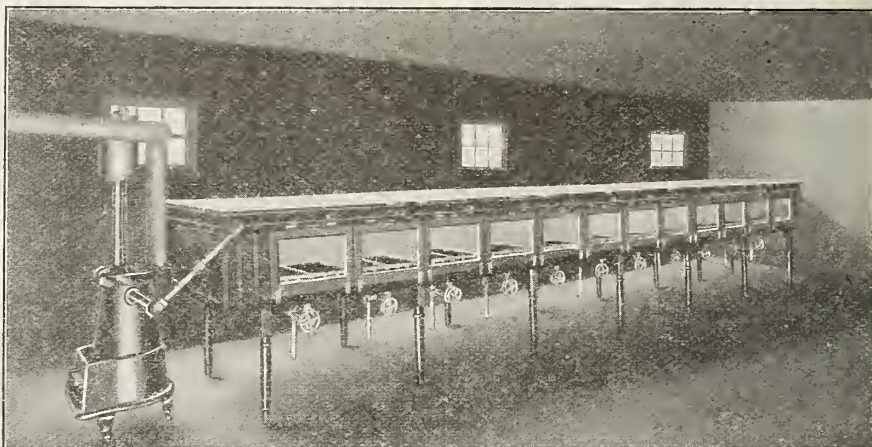
the Company's Catalogue to which we must refer the reader for particulars.

The Giant Incubator has a water heating system, operated by a coal burning heater. It is operated at an expense that is altogether a negligible quantity. A thousand eggs can be incubated at a cost of less than a cent a day for coal. The cost is but very slightly increased for two, five or ten thousand eggs.

The attention the heater requires is also insignificant. In fact, this is one of the best features about this great machine. The heater is coal burning, keeps up the heat on next to no coal at all, and yet positively requires attention but twice a day. A few minutes in the morning, again in the evening, that is all. Absolutely nothing required during the night,

machines too large for their immediate needs.

We have space for but brief mention of the incomparable Newtown brooding system. It is the means that enables any one with certainty to raise the chicks after they are hatched. It really warms and really "mothers" them. It is impossible to see this breeding system in operation without growing enthusiastic over it. The same excellent hard coal heating device as used in the incubators is employed. It warms chicks' backs. The warmth is mild and genial. It admits large quantities of fresh air under the hovers. There can be no crowding. On top of all this there is this great feature: *The temperature of each compartment can be regulated separately,*



A NEWTOWN LITTLE GIANT INCUBATOR

Company has perfected a smaller incubator or 1,200 egg capacity, the Newtown Little Giant Incubator. What has been said about the Newtown Giant applies also to the Newtown Little Giant except as to size. In heating, regulating, ventilating, moisture and attention, the two are identical. The minimum capacity of 1,200 eggs, as in the case of the Giant, may be increased indefinitely, a most valuable feature. You can start in a small way and increase the length of your incubator as your business grows. This Little Giant is certain to appeal to thousands of poultrymen who find the small lamp heated or the day, yet it runs dependably and evenly, always supplying a uniform temperature to the eggs.

Realizing the need of a moderate sized, coal burning incubator to be used by beginners in their homes or by poultrymen wherever convenient, the Newtown Producing incubators expensive, dangerous and productive of unsatisfactory hatches, and the Giant

rarely, which suits it to the needs of all ages of chicks. A dozen or more broods of different ages may be cared for at once. And each brood may have its hoven warmed to suit its own needs. This is an exclusive feature with the Newtown Brooding System. No other large brooding system has ever attempted anything of the kind.

A feature of immense significance to the average poultry raiser is the fact that these Newtown systems can be operated for a few eggs or chicks at the same low rate of expense as where many thousands are incubated or brooded at a time. Still more important is the fact that either incubator or brooder can be operated at incalculably less expense for any number of chicks or eggs than would be required by the small lamp-heated incubators and brooders. This at once stamps these Newtown permanent plant systems as the systems for small operators who hope to make their business grow, as well as for those who are already operating on the largest scale.

SINGLE COMB WHITE LEGHORNS

FROM D. W. YOUNG'S BEST PRIZE-WINNING PENS

I do not exhibit as I am busy judging all through the show season, but have as good exhibition flock as any one and can please the most exacting. Eggs sold by the setting, 100 or 1,000. Have no egg circulars. Every deal a matter of correspondence. Address,

H. A. PICKETT, R. 4, Box H, Greentown, Ind.



"Diamond Farm BABY CHIX"

200-EGG STRAIN, TRAPPED

White LEGHORNS and White ROCKS

Breeding eggs unsurpassed. Baby Chix the best. Plant modern and complete. Booking orders now.

WRITE US

DIAMOND STOCK FARM Co.
NEWBERN, TENNESSEE

DAVIS' S.C.R.I. REDS

Winners at Chicago, Ill., Memphis, Tenn., Augusta, Ga., Birmingham, Ala., Lebanon, Tenn., and Tennessee State Fair. 1911 catalogue and mating list FREE. Grand lot of cockerels for sale from \$1.50 up

FRANK G. DAVIS

Rosebank Poultry Farm, Nashville, Tenn.

To Wire Fence Users

Wire fence users should thoroughly acquaint themselves of the character of metal used in manufacturing wire fencing, as this practically counts more for fence life than anything else. Fence durability does not rest only in successful resistance to moisture, extreme climates or chemical conditions to which it may be subjected, but every bit as important is the employment in manufacture of a metal of most even and homogeneous nature which will produce a wire that is strong, tough, resilient and absolutely safe by reason of its freedom from "hard spots." Open Hearth is the only metal producing wire meeting these exacting requirements, and is used exclusively by the Pittsburgh Steel Company in making their electrically welded fence. The heads of Open Hearth wire nails do not snap off when being driven, and open hearth is equally successful, as employed by this manufacturer, in producing the most satisfactory fence staples. It is also interesting to note that railroads are careful to specify Open Hearth when asking for bids on rails.

Results of 5-acre Farm Contest

Dear Poultry Fancier:—

After considerable delay, the committee is now ready to announce their decision in the Five Acre Poultry Farm Contest. We received so many more plans than we expected that it was a difficult matter to make the decision, and it took thirty days longer than we at first anticipated. So much care was taken in the preparation of the plans and the details of management, that we had to take time to give each careful consideration. The result of the contest was as follows:

1—Frank E. Mixa, Ames, Ia., five acre farm. 2—Miss Lillie S. Tidwell, Arkansas City, Kan., Prairie State Incubator. 3—Rud H. Hicken, Ames, Iowa, five sacks poultry feed. 4—Eli'ah Steen, Charleston, W. Va., \$10 setting eggs. 5—A. A. Hunter, Mer-



ALMON A. CHIVERTON,
HOUDAN SPECIALIST,
Livermore, Ky.,

will furnish you Houdan eggs from stock that has been line-bred for many years for heavy egg records and blue ribbon winners; order direct from this ad and save delay. \$3.00 per 15, \$5.00 per 30. Guaranteed safe shipment and good fertility.

"Pittsburgh PERFECT"
Electrically Welded
FENCE can be trusted

"Pittsburgh Perfect"
Wire Fencing is *best* all through.

THE BEST WIRE
The wire is drawn from a special quality of open hearth material—tough, pliable, strong, long lived like old-time iron wire. It is the finest fencing wire possible to manufacture.

Galvanizing Perfect
Heavily galvanized by our own new and perfect process, the wire is positively moisture-proof. The fact that

All Stay Wires and Line Wires are Electrically Welded
not only eliminates the weakening and moisture-gathering wraps, clamps and ties, but practically transforms the fence into *one piece* of perforated steel.

No Waste Wire
There is no waste wire to make useless weight; instead, heavier wire is used and *all* the weight is *fence*. Stay wires being of the same size as line wires, the

"Pittsburgh Perfect" Fence is the Strongest in the World
EVERY ROD GUARANTEED PERFECT

Catalogue showing 73 different styles and sizes, adapted to every purpose—FIELD, FARM, RANCH, LAWN, POULTRY—Sent free on request. Sold by dealers everywhere

PITTSBURGH STEEL CO.
PITTSBURGH, PA.
Makers of
"Pittsburgh PERFECT" brands of Barbed Wire, bright, annealed and galvanized Wire, Fence Staples, standard Wire Nails and "Pittsburgh PERFECT" Fencing.

PAUL & HUBERT MASON, Shellman, Ga.

HAVE SOLD OUT ALL THEIR STOCK BUT

Buff, White and Black Orpingtons

On their BUFFS and WHITES they have won this season fourteen firsts and four seconds, besides a silver cup. Their BLACKS are brothers and sisters to birds that took nearly all the firsts and seconds at Chicago and Indianapolis. They came right from Othello, that Judge Pierce says is the best Orpington cock ever shown in America. WRITE FOR MATING LIST.

Buff ORPINGTONS Black WHITE WYANDOTTES

The kind that LAY, WIN and PAY. Let me send you my mating list. A few good Cockerels for sale at a Bargain.

E. W. PHILLIPS

PINE BLUFF, ARK.



Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator

NO OTHER incubator in the world will give you half the service that you can get out of mine. And what is more, mine costs you but half as against any other. I actually save you 50% in money, 50% in time, and 100% in repairs. You do not have to spend one cent for upkeep. My incubator is built to wear and give lasting service. And 250,000 poultrymen who use my incubator will tell you this is a fact.

The Best You Can Get My Standard Buffalo incubator has all the vital principles of the very high priced models. The heat, ventilation, regulation are just the same. The heater is of my regular design and has the added advantage that the thick asbestos insulation is also covered with galvanized iron instead of cotton cloth painted as in others. The ventilation is my well known diffusion method that has made hatcheries of my design "The World's Standard." The regulation—the lamp—the trays are all of the same high type that all my incubators have ever carried—the kind known the world over.

Why I Save You Half Because you pay only for incubators. You don't have to pay for fancy literature and embossed letter heads and booklets. You don't have to pay the salaries of a lot of useless officers. You don't have to pay the rent and maintenance of a string of bank and executive offices. You buy from and deal only from me. I give you every advantage. I charge you my cost of the incubator plus a small fair profit, that's all. Poultrymen all over will tell you of the Cypher's square deal. And if they can save money and time you can.

Note My Low Prices

No. 0	50-60 Egg Size \$ 9.50	No. 2	220-240 Egg Size \$16.00
No. 1	110-120 Egg Size 12.00	No. 3	340-360 Egg Size \$20.00

YOU CAN'T BEAT THEM

My Guarantee I positively guarantee every purchaser that my "Buffalo" will hatch as well as any incubator you can buy regardless of price. I guarantee it to be as substantially made, as easily regulated as any incubator costing from \$8 to \$10 more. Send me your order today. Just say what size you want and enclose the price. If the incubator fails to satisfy you I send you only money back without argument. Order today.

Save Brooder Money

1911 Buffalo Colony Brooder is the best brooder built. It is roomy, well-lighted and automatically ventilated.

Indoor Brooder.....\$9.00
Colony Brooder.....\$12.00

Write for full incubator and brooder information and I'll show you how to save 50 per cent of the money you've been spending.

CHAS. A. CYPHERS, President,
Buffalo Incubator Company,
4714 Ellicott Square, Buffalo, N.Y.

Read This Letter

The Crystal Springs Poultry Co., Oil City, Pennsylvania, markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent. of fertile eggs taken off this season—83%.

We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world-beater."

Patrick McEvoy, Manager.

chantville, N. J., \$10 setting eggs. 6—D. E. Hale, Quincy, Ill., \$10 setting eggs. 7—Fred G. Quern, Lakewood, N. J., \$5 setting eggs. 8—W. E. Maurice, Alleghany, Pa., \$5 setting eggs. 9—R. W. Bishop, Guilford, Conn., \$5 setting eggs. 10—Mary Snowden, Dade City, Fla., \$5 setting eggs. 11—Miss Pauline Drake, Warsaw, Mo., \$5 setting eggs. 12—C. P. Gunn, Houston, Tex., \$5 setting eggs. 13—S. W. Schnabel, St. James, Mo., \$3 setting eggs. 14—Geo. F. Bucoy, Cedar Vale, Kan., \$3 setting eggs. 15—F. M. Shorb, Kirksville, Mo., \$3 setting eggs.

There were more than 200 plans submitted from contestants living in nineteen States. Many of them contained many suggestions which were of great value and these will be incorporated in a bulletin to be issued later. We are sorry that we haven't more prizes to distribute, but you should consider it a great honor to even be a winner when so many plans are offered from so many different States. Each one has contributed something which will be of value to the poultry world. Accept the thanks of the State Poultry Board for your effort.

The Governor will deliver the deed to the farm to Mr. Mixa, and the other winners will please notify me two weeks in advance of the time they desire their prizes sent, also state variety of eggs desired.

With best wishes, I remain,
Yours very truly,

T. E. QUISENBERRY, Sec'y.

Working Day and Night

Last summer the Buckeye Incubator Co. vacated their old quarters that they had occupied for over twenty years and built an immense modern factory with a capacity of 100,000 incubators. They placed their goods in the hands of dealers in every State in the Union and said "Now, go ahead and sell all the incubators you can and we'll keep you supplied." In making this statement they never dreamed for a moment that the demand

BROWN LEGHORNS

SINGLE COMB.

STOCK AND EGGS FOR SALE.

JOHN E. JENNINGS
621 N. Central Ave., KNOXVILLE, TENN.

BETSCHER'S HIGH-GRADE Barred Rocks

Winners at the Leading Shows

Line bred, both cockerel and pullet matings that produce winners. Eggs for sale. Also Strawberry plants. Quality is our motto.

J. BETSCHER, Canal Dover, O.

24 LEGBANDS FREE

MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to THE INDUSTRIOUS HEN at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps. Mention "Leg Bands" when subscribing under this offer.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

WHITE WYANDOTTES

Strong, Vigorous, Healthy, Farm Raised

Some very choice stock for sale. Eggs for hatching. Very heavy layers

WOODMERE FARM FOUNT H. RION BRENTWOOD, TENN.

M. B. TURKEYS, BLACK LANGSHANS and BARRED P. ROCKS

Winners at State Fair and Appalachian Exposition. Pekin Ducks. Orders for eggs promptly filled.

MISS ONA WATERS : : : Lebanon, Tennessee

SANDY RUN POULTRY YARDS, Ellenboro, N. C.

BREEDERS AND EXHIBITORS of the finest strains of Partridge, Columbian, White Wyandottes, Black Minorcas, Brown Leghorns and R. I. Reds. Over 300 prizes won this season at Knoxville, Asheville, Spartanburg, Wadesboro, Charlotte and Gastonia. We can furnish you eggs from as fine birds as there are in the country. Partridge, Columbian and White Wyandottes and R. I. Reds, \$3 per 15; Black Minorcas and Brown Leghorns, \$2 per 15. A few fine cockerels for sale at \$2.50 and \$5.00 each. Give us your order and we will please you.

SANDY RUN POULTRY YARDS, Ellenboro, N. C.



Warren's Partridge WYANDOTTES

Won at Augusta, Ga., 1910, 1st cock; 1st cockerel; 1st, 2d and 3d pullet, and 1st pen. At Asheville, 1910, won 2d cock; 2d hen; 1st, 2d and 4th cockerel; 1st, 2d and 4th pullet; 2d and 3d pen. Eggs from prize-winners. A few good cockerels, hens and pullets for sale, including first prize cock at Augusta. Satisfaction guaranteed. Write today.

B. R. WARREN, Route 3, Asheville, N. C.

LAWSON'S BLUE RIBBON STRAIN S. C. WHITE LEGHORNS

and IMPORTED INDIAN RUNNER DUCKS

(280-EGG RECORD PER YEAR)

Satisfaction or money back, together with express charges both ways. For the best and a square deal, write

WHITE HILL POULTRY FARM
A. J. LAWSON & SONS, Proprietors. R. 4, CLEVELAND, TENN.

CARY'S POULTRY FARM

Home of the "RED QUILL" R.I. Reds

PARTRIDGE WYANDOTTES, WHITE CORNISH, S. C. WHITE LEGHORNS and ANCONAS

51 first premiums at one show in December; 11 firsts at Columbus, O., in December, Ohio's State Show. Our book of "Donts," illustrated with photographs of ideal birds and how to breed them, for 10c. Quality, not quantity, the watchword. Eggs from prize winners for sale; also fine breeders.

L. G. CARY

Box 105, TRIMBLE, OHIO

LAKEHOLM FARMS

SINGLE COMB WHITE LEGHORNS.

Lakeholm Farms is a Tract of 500 Acres in the Valley of the Kokosing, Knox County, Ohio, Devoted to the Production of the Highest Class of Farm Products.

EGGS FOR HATCHING

LAKEHOLM FARMS eggs for hatching are laid by large, healthy hens—no pullets are used. This season's eggs are from eight selected pens, each headed by a carefully reared cockerel, fully matured. We do not practice the method of selling eggs from large flocks with several males. Others may, but we have never been able to get the vigor, hardiness and inherent egg producing qualities except through small matings. We are well aware that small, selected matings very materially reduces the number of sittings available for sale, but then we also raise our own flock from the same matings from which we sell eggs for hatching. This season we offer eggs for hatching from eight pens of our line-bred S. C. White Leghorns at \$2 for 15; \$5 for 45. Many of the individual birds of these matings are prize winners and all will score above 90.

OF GREAT IMPORTANCE

Something which has had little or no attention from the buying public—disease. Of all animals a chicken is probably the most susceptible to careful breeding. The result—response—is more evident than in any other member of the family of domestic animals. Just stop and think—Any old hen can be surrounded in her laying pens by daughters and grand-daughters, all laying, the daughters and grand-daughters hatched within the year. Do not buy eggs for hatching indiscriminately. The three most important points to receive careful thought in the selection of eggs for hatching for either profit or pleasure are absence of inherited disease in its multiable of forms, inherited egg production, inherited standard requirements. The Lakeholm Farm Strain of Single Comb White Leghorns is without disease in any form. There are few households where a more rigid program of cleanliness is observed. We will not house hens that will not pay for their board, nor do we keep birds that will not score 90.

COCKS AND COCKERELS

We have about 20 male birds—splendid fellows—exhibited at the January Shows and judged by Judge R. W. Graves. We want to make quick sales and will price at bargains. Score card with every bird.

JOHN RINGWALT

Delano Road : : MT. VERNON, OHIO

LAKEHOLM FARMS

could possibly exceed their output, but they made a mistake. Their little 50 egg machines just took the people by storm and today they are running their mill night and day in an effort to supply the demand. At the present time it looks as though the Buckeye Co. will be called on to supply something like 150,000 incubators, and when asked about their prospect of keeping pace with the demand, Mr. James Homan, the president of the company, said, "We will fill every order if it takes another mill to do it," and Mr. Homan is a man of his word.

When asked for a reason for the enormous demand for Buckeye 50 egg incubators, Mr. George Cugley, the secretary, replied, "Well, in the first place a 50 egg incubator just suits about 99 out of every hundred people because of its size, in the second place our prices at six, seven or eight dollars are within the reach of everybody and in the third place every incubator we build is sold with an absolute money-back guarantee. Can you stop a combination like that?"

The Buckeye Company have the most unique catalog we have ever read. It's a straight man to man talk and is worth reading even if you don't need an incubator. This Company will also send their two books, "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs," free to any reader of this paper.

Buy a Poultry Fence

If you are going to put a fence around your poultry yard why not put in a good one at once and be done with it. A real fence is a pleasure and a good investment while a cheap one is not only a loss in the end but a positive nuisance at all times. What you want is a strong, durable good looking fence that will wear for all time and won't rust. A fence that while strong enough for general farm use is still closely woven enough to keep the little chickens in and marauding animals out. That is the sort of fence the Brown Fence & Wire Co., of Cleveland, Ohio, have been making a specialty of for some years. A fence that is so strong and stiff you need no top or bottom boards and practically only one-half the number of posts. In other words a fence that won't sag because it can't sag. A poultry fence with all the strength of a stock fence.

REDS

ROSE COMB

Winners at Marion, Ashley, Lima, Bucyrus, Galion and Delaware. We have some grand pens mated for producing the highest grade of exhibition stock, \$4.00 per 15, \$7.00 per 30. Write for mating list.

WHITE BROS.

Box R, SUNBURY, OHIO

HENDERSON'S
Brown Beauties

At the Great Appalachian Exposition won 4 prizes on 4 entries, viz. : : : : :

1st Pullet, 1st Pen, 3rd Hen.
\$10.00 Gold Special for best pen from Tennessee, any variety.

When you want something good, write
J. H. HENDERSON, Knoxville, Tenn.
Breeder Brown Leghorns since 1890.

CHAS. R. HUMBER

Breeder of High-Class, Single Comb,

Buff and Black Orpingtons
COLUMBUS, GA.

Steckler's SEEDS

512 GRAVIER STREET

DEPT. J. NEW ORLEANS, LA.

are known for quality. Catalogue Free.

RICHARD FROTSCHER'S Successors

IF INTERESTED IN

POULTRY or PET STOCK

Write for our Complete Supply Catalogue

N. S. WILLET SEED CO., Augusta, Ga.

AUTOMOBILE POULTRY YARDS

61-63 S. Main St., ASHEVILLE, N. C.

R. and S. C. R. I. REDS Exclusively

"QUALITY," NOT QUANTITY. 1st, 3d and 4th cockerel, 1st and 3d hen, 2d and 3d PEN, Asheville Show, 1910. J. H. Drownstedt says it was the hottest Rhode Island Red class he ever JUDGED. Eggs and day-old Chicks a specialty. Cockerels for sale. Prices reasonable.

CHICKS, 35c Each. EGGS, \$2.00 per Fifteen

BUFF WYANDOTTES

Combining highest exhibition and utility qualities. At Great Baltimore Show, 1911, won 1st and 2d cockerels, 1st and 4th pullets on 4 birds. Also winners at Lynchburg, Bristol, Front Royal.

EGGS—\$3 per 15, \$5 per 30.

JOHN HICKSON, III. Lynchburg, Va.

S. C. R. I. REDS

"Red Cloud" Strain of prize winners. I offer a \$5 prize for the highest scoring bird hatched from 1911 eggs. Write for catalog. GIBSON COUNTY POULTRY YARDS, Mrs. P. C. Dorsett, Proprietor, Trenton, Tennessee.



WHITELASHING

and disinfecting with the new

"Kant-Klog" Sprayer

gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free. Address

Rochester Spray Pump Co.
206 Broadway, Rochester, N. Y.

BARRED PLYMOUTH ROCKS

First Pen at Tennessee State Fair, 1910. First Pen at Appalachian Exposition Poultry Show, 1910. Twenty-five years a breeder and exhibitor.

JAS. W. GRIGG : Lock Box 146 : Mt. Juliet, Tenn.

WORLD FAMOUS S. C. REDS

SINGLE COMB EXCLUSIVELY

I have added the following grand pen of birds to my yards, headed by 2d Madison Square Garden cock, Jan., 1910: 2d Madison Square Garden pullet, Jan., 1910: 5th Madison Square Garden pullet, Jan., 1910: 1st Boston hen, Jan., 1910, which won over 1st Madison Square Garden hen, Jan., 1910, and was 5th Madison Square Garden hen. Eggs, \$2.50 to \$15 per 15. Ask for revised mating list.

APPALACHIAN POULTRY YARDS, A. J. Stanbery, Prop., R. 2, Newport, Tenn.

IN HOT COMPETITION

Drevenstedt, the best Barred Rock Judge in America, judging, to win 1st, 2d, 3d and 4th cockerels means I could have left my three best birds at home and still won the coveted 1st prize on cockerels at the Kentucky State Poultry Show. Besides the above I won 1st pen; 2d and 3d hen; 2d and 3d pullet; 2d cock; silver cup for best display, all varieties competing; gold special for best display B. P. Rocks and other specials. The above, with my clean sweep on cockerels at the Blue Grass Fair and my marvelous winnings at the Appalachian Exposition, and in addition my winnings for the last four years, stamp my birds the best—the very best. All were bred by me and are in my breeding pens for 1911. Eggs for sale at \$5 for 15 straight. 50 elegant pullet-bred cockerels for sale at \$5 each to make room for my breeding stock. **THE POINDEXTER POULTRY YARDS, Barred Plymouth Rocks Exclusively, Harry Martin, Owner and Breeder, Pointexter, Kentucky.**

White Feather Poultry Yards

BREEDERS OF HIGH-CLASS

WHITE WYANDOTTES

Eggs from Blue Ribbon Winners at \$3.00 per 15.

J. M. HARTIS, Proprietor

Charlotte, North Carolina

Single Comb BROWN LECHORNS

EGGS FROM
PRIZE
WINNERS
\$3 and \$5 per 15

of superb quality. At the big Laporte Show, 1911, I won 1st cock; 1st, 2d, 3d cockerel; 1st, 2d, 3d hen; 1st, 2d, 3d, 4th pullet; 1st, 2d, 3d pen; special for best hen in Mediterranean class. Have shown winners for years and am ready to sell eggs from these winners. Five grand pens mated for the egg trade. No birds scoring less than 90 and some as high as 94½. Am now booking orders for eggs, so write and get my free mating list.

HERBERT MOELLER, Box 112, Laporte, Ind.

EGGS For Hatching—STOCK in Season

SINGLE COMB REDS, BROWN LECHORNS and TOULOUSE GEESSE. Our stock is bred right. We won more first and special prizes than any other breeder in the state. If you want the best, send for prices and show record.

J. M. COBB : : : : Lonoke, Ark.



Mammoth Bronze TURKEYS For Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 43 lbs. to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early.

Also Barred Plymouth Rock Chickens from the best prize winning blood.

MRS. J. C. SHOFNER, - - - Route 1, Mulberry, Tenn.
BOONEVILLE POULTRY YARDS

Buff Orpingtons, R. I. Reds, Black Minorcas, White Wyandottes, Barred Rocks, B. C. Bantams, White and Brown Leghorns

Highest awards at Jamestown, St. Louis, Memphis, Nashville, Birmingham, Montgomery, Florida, Atlanta, Huntsville and Chattanooga. Eggs, \$2.00 to \$5.00 per 15, from prize winners.

FORBES POULTRY YARDS -:- New Decatur, Ala.

Barred Plymouth Rocks, Mammoth Bronze Turkeys

THE PRIZE-WINNING KIND. Eggs from either pullet or cockerel mating of B. P. Rocks, \$2 for 15. The Giant strain Mammoth Bronze Turkeys—Pen No. 1, headed by Young Sampson, who weighed 55 lbs. at 1 year old, mated to five standard-bred hens. A few eggs from this pen for \$5 per dozen. Eggs from other pens \$3 per 9. Guarantee all eggs to be fertile. All stock farm-raised and very healthy.

SHADY LAWN POULTRY FARM

MRS. JAS. R. PHILLIPS, Proprietress, R. F. D. Box 10-G, SUGAR GROVE, N. C.

WARD'S RHODE ISLAND REDS

Eggs for hatching a specialty. Prize matings \$5 per setting. First class utility yards at \$2 per setting or two sets for \$3.50. Incubator lots at \$8 per hundred. A few choice pullets and cockerels yet to spare. Free circulars.

LAKEMONT POULTRY FARM

C. Fred Ward, Prop. - - - Box 57, WINTER PARK, FLORIDA

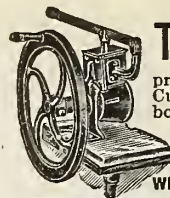
BARRED AND WHITE PLYMOUTH ROCKS

again winners at the Tennessee State Fair, Sept. 1910

Day old chix a specialty.

COLLIE DOGS. EGG ORDERS NOW BEING BOOKED

SANFORD McFERRIN, Springfield, Tenn. R. F. D. 5.



This Bone Cutter

produces filled egg baskets. Cuts fast and easy. Green bone, scraps from table, vegetables, scrap cake. Always ready for use.

Send for catalog.

WILSON BROS., Box 816 EASTON, PA.

These points are of vital interest to the buyer and should show him at once that a fence of this character is by long odds the best and far the cheapest in the end. So why experiment? Why not write at once for their Booklet and learn the truth? It's yours for the asking. Address Brown Fence & Wire Co., Dept. 37, Cleveland, Ohio.

Hatched by Artificial Means

Only a few years ago incubators were in an experimental stage, but that day has gone by. At present there are incubators on the market that are automatic in action and reliable in results. For example here are three sample reports, dated and signed, received by Cyphers Incubator Company, Buffalo, N. Y., telling of repeated big hatches obtained by customers—one customer down East, another in the middle West, and the third on the Pacific Coast.

754 EGGS—691 CHICKS.

Norwood, Mass., June 10, 1910.

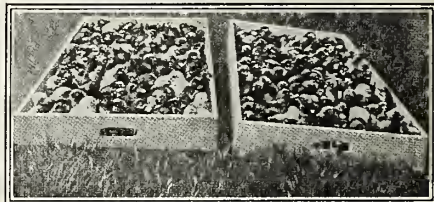
Cyphers Incubator Co., Buffalo, N. Y.:

My last three hatches from the No. 3 Cyphers Incubator I bought of the Boston branch last year gave me the following results in lively and healthy chicks:

1st hatch, 241 chicks from 256 fertile eggs; 2d hatch, 214 chicks from 229 fertile eggs; 3d hatch, 236 chicks from 269 fertile eggs.

I cannot speak too highly of the Cyphers Incubators. My hatches have been over 90 per cent of the fertile eggs, as can be testified to by those for whom I have hatched the chickens.

Yours sincerely,
Henry Hayes.



A BEGINNER'S FIRST HATCH.

Picture (from photograph) showing hatch of 346 chicks from 350 eggs made with a No. 3 Standard Cyphers Incubator by Theo. O. Brown, Rockford, Ill. Mr. Brown's letter is published herewith.

1,586 EGGS—1,454 CHICKS.

Rockford, Ill., June 25, 1910.

Cyphers Incubator Co., Buffalo, N. Y.:

No doubt you think I am lost—I am here and so are the chickens! I am glad to report my first five hatches:

First hatch, 340 chicks from 350 fertile eggs. Second hatch, 266 chicks from 294 fertile eggs.

READY HATCHED CHICKS FROM FINE LAYERS

Bred from Madison Square Garden winners. Range stock, strong, vigorous, no-mixing breeds; perfect health. 10c to \$1.00 per Chick. Safe shipping boxes for chicks and eggs. Double-walled corrugated paper, dead air spaces. Light, strong, safe for any distance. Send 10c for "Progressive", greatest of all poultry books. 12 chapters, right to the point. Circulars free.

THE OHIO HATCHERY & MFG. CO.
C. A. Thompson, Pres. Box 21, BELLEVUE, O.





BUFF ORPINGTONS

BUY EGGS FROM FIRST PRIZE WINNERS

CHICAGO — INDIANAPOLIS — MEMPHIS

Not the winners of the misty past, but crowing, cackling kind that are producing the eggs to-day and won at the recent shows. Send for the best Mating List ever issued on Orpingtons—winnings, system of trap-nesting and full description of my nineteen mated yards, with forty illustrations free.

A. E. MARTZ, Buff Orpington Specialist, Box H, Arcadia, Ind.

Third hatch, 288 chicks from 330 fertile eggs.
Fourth hatch, 260 chicks from 287 fertile eggs.
Fifth hatch, 300 chicks from 325 fertile eggs.
Total, 1,454 chicks from 1,586 fertile eggs.
Remember, I am a beginner, and that's going some. *Never used an incubator before*, you don't need to, if it's a Cyphers. Ten minutes a day is all I spent with my two No. 3 machines. I have no time to talk to any one who says "it beats the Cyphers."

Yours very truly,
Theo. R. Brown, 233 Hinckley Ave.

AVERAGE OF 323 CHICKS.

Petaluma, Cal., Sept. 29, 1910.

Cyphers Incubator Co., Buffalo, N. Y.:

It is with pleasure I recommend the Cyphers Incubators. They transform all the hatchable eggs into luscious, lively chicks, which it is a pleasure to care for with a minimum of care, worry, and expense.

During the past season I have operated four large-size, 390-egg Cyphers Machines, and for the season took an average of 323 chicks per machine per hatch to the brooders. Two of these machines are old style and two your latest Insurable patterns. These last run with practically no variation of temperature.

Yours truly,
Carl Gregory, Wayside Yards.



RHODES'

White INDIAN RUNNER DUCKS

Eggs, \$6 per 12. Taking orders now for stock, fall delivery.

Also Standard Fawn and White Runners

Eggs, \$2.00 per 12; \$5.00 per 50; \$10.00 per 100.

MRS. A. N. RHODES : Newcastle, Indiana

SINGLE COMB WHITE LEGHORNS

Wyckoff Strain. Best Layers and Payers

Eggs from Exhibition Matings, \$2, \$3 and \$5 per 15. Finest Utility Eggs, \$5 per 100. Little Chicks, \$10 per 100.

We are having remarkable success in shipping eggs and chicks this season to all parts of the South. May we not number YOU among our pleased customers. Write for booklet. W. N. Ward, Charlotte, N. C., writes: "Thanks for your very fair dealing with me."

THE SOUTHWEST VIRGINIA POULTRY FARM : : Chilhowie, Virginia



Cut by Commercial Engraving Co., Knoxville.

First Regiment Band of the Tennessee National Guard, Lebanon, Tenn., in camp at Chickamauga last July. J. B. Dismukes, originator of Dismukes' Strain Anconas, was the chief musician and director. (Second on right.)

Makers of "Quality" Cuts.



Music Hath It's Charms Anconas Have Best Merits

Did you know that ANCONAS stand above the field in egg production; that ANCONA eggs hatch the largest per cent of all breeds; that ANCONAS will begin to lay at from five to seven months of age; that ANCONAS will produce more meat at ten week's old than any other breed of their class, and more than some of the larger breeds; that ANCONAS, being non-sitters, have laid two eggs to several other breeds' one by actual test as winter layers; that ANCONAS will thrive on less rations by one-half than other breeds? Did you know that ANCONAS had all these good points about them? If not, then learn these facts and get the BEST ANCONAS. The best is

Dismukes' Strain ANCONAS

"Eventually, Why Not Now"

Our reputation for square dealing and honest methods can be attested by our customers. We guarantee satisfaction in every particular. Our winnings during the past season at the Tennessee State Fair and the Appalachian Exposition were 11 blues, 10 reds and A. P. A. Diploma.

EGGS—\$2 and \$3 per 15,
\$4 and \$5 per 30

DISMUKES & ARRINGTON, Castalian Springs, Tenn.



PATTERSON'S CHAMPION WHITE ROCKS

Win Again in Augusta, the Quality Show of the South,
And Still Hold Records as Champions of the South.

At the above show we won 1st and 5th pens, 1st cock, 1st hen, 3d pullet, 4th cockerel, the cash prize for the best display of White Rocks and the special ribbon for the best display of Plymouth Rocks. This year I have more young birds than ever before and can give you just what you want. Cockerels, \$3, \$5 and \$8; Pullets, \$2, \$3 and \$5. Birds that have size, shape, snow white and the best of eyes, with low, even combs. Eggs now ready for hatching at \$2, \$3 and \$5 for 15; \$10 per 100. We also have "Ringlet" Barred Rocks and a number of good birds for sale.

PATTERSON FARM, Fitzgerald, Ga.
We Ship Everything on Approval.

S. C. R. I. Reds, red to the skin. White Orpingtons, pure white. Eggs, \$1.50 per 15. Luther B. Hodge, R. 1, Box 46, Morristown, Tennessee.



or How to Make
Money Rais-
ing Poultry

Wealth in Poultry

300 page book shows you. Illustrated. Teaches How to Raise for Profit. 200 Vital Subjects; Indexed. 20 Disease Cures. Circulars FREE. THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

POULTRY PRINTING

Cards, Tags, Envelopes, Noteheads, Billheads, Post Cards, Statements, etc. 100 of either 40c; 250, 75c; 500, \$1.25; 1,000, \$2.00, postpaid. Catalogs engraved, and cuts of all standard breeds. Get our samples before placing your order. **SHADY LAWN POULTRY PRINTERS, P.O. Box 10H, Sugar Grove, North Carolina.**

EGGS FOR SALE

From Lawson's strain of Indian Runner Ducks, \$1.00 per 11.

WICK PORTER : Porterdale, Ga.

The Lay of the Pullet

Don't slight this little lay, my friend,
Nor miss the moral at the end.
'Tis warranted to do you good
If you'll digest it as you should.

A pullet—quite an addle-pate—
While strutting 'round the hen-park gate,
One day was cackling loud and long;
And cackling big and cackling strong.

And cackling thus she seemed to say,
"See what an egg I laid today!"
But bustling 'round she chanced to spy
A crate of hen fruit standing by.

She pecked and pried full long and well
Nor found her trade-mark on a shell.
For, though at poultry shows a prize,
Her eggs were still but pullet size.

Vexed was this pompous pullet then,
For in her mind she was a hen,
She shed her high and mighty air
And cut out cackling then and there.

—Milton Murdock.

Remarkable Incubator Brood

This interesting family is a hatching recently made in a Reliable Incubator, when not a single egg failed to hatch. You can almost bring yourself to fancy that this "wooden mother" is proud of her flock and the faithful care she has shown in bringing these little mites into being.

It is characteristic of the Reliable that this brood is happy and prosperous looking, for there is surely no machine made that is made dependable than the Reliable. Made

in the largest incubator factory in the world (located at Quincy, Ills.) and possessing the unique distinction of being the oldest machine on the market in point of successive years sold, the Reliable is generally recognized as the Standard of Incubators. They are made on the most scientific principles—insure steady even temperature, afford correct ventilation and have a remarkable device for controlling moisture without the need of supplied water. For twenty-eight years the Reliable has been sold and during that period machines have been shipped to every civilized country on the globe.

At Quincy, where the Reliable is made, there is maintained a poultry farm that is claimed to be one of the finest large assortment of birds in the entire country. This branch of the business—selling birds and settings of eggs—have grown to enormous proportions.

The business style under which all these interests are carried on is the Reliable Incubator and Brooder Company, and it is well worth your time and energy to visit and inspect this great plant if you are ever near Quincy.

BEDFORD'S ANCONAS

BOTH COMBS

They are the greatest laying as well as the greatest winning strain in America. Won FIRST at Madison Square, St. Louis, Kansas City, Cleveland, New York State Fair, etc. Get EGGS from these winners.

H. M. BEDFORD Box 870, Strongsville, Ohio

Single Comb BUFF LEGHORNS

—THE LAYING KIND—

Eggs from prize winners
\$1.50 and \$2.00 per 15.

JOS. E. MATTISON, South Sixth St., Paducah, Ky.

S. C. Rhode Island REDS EXCLUSIVELY

At the Richmond Show, 1911, I won 1st, 2d, 3d, 4th pullets and 2d cockerel; Roanoke, 1911, won 1st and 2d cockerel. This means pretty good Reds. A limited number of eggs at \$2.00 per 15.

H. M. BURROWS, Box 15, Yancey Mills, Va.

Rice White Orpingtons

Bred from the famous Kellerstrass Crystal White Strain. Eggs and Stock for sale.

N. A. WALDRON & SON Pine Bluff, Ark.
In the Rice Belt of Arkansas.

BUFF ORPINGTONS STOCK AND EGGS FOR SALE

Some rare bargains in good breeding males and females. One exceptionally fine pen of birds at a real bargain. Eggs, from pen No. 1 at \$5.00, and pen No. 2 at \$2.00 per setting of 15. These eggs are all from prize winners. I won in two shows last season five first, three second, two third and one fourth prizes, and the sire of the cock that heads my first pen is a first prize Madison Square winner. The females in my first pen are daughters of a first prize hen at Baltimore. :- :- :-

SIDNEY J. SPAIN, Koseiushko, Miss.
SATISFACTION GUARANTEED CIRCULAR FREE

MY FAMOUS "QUATILITY STRAIN" S. C. WHITE LEGHORNS

The Finest Laying Strain on the South Atlantic Coast.

My customers hatch and rear 90 per cent from my eggs. Why? Because I Don't In-breed. My stock is hatched right, reared right and mated right. I place a strong, active male, absolutely no relation to the females, at the head of every pen every year.

INCUBATOR EGGS, \$7.00 per 100

HAYDEN CLEMENT : : Salisbury, N. C.

BREEDERS' CARDS

CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

REGISTERED HOLSTEINS

HOLSTEIN BULL CALVES, "bred in silk." Johnson Bible College, Kimberlin Heights, Tenn. 82

ANCONAS

SILVER MOTTLED ANCONAS—Best layers on earth. Eggs \$2.00 and \$3.00 per 15, \$4.00 and \$5.00 per 30. No stock for sale. Dismukes & Arrington, Castalian Springs, Tenn. 83

MOTTLED ANCONAS—All year round layers. 15 eggs, \$1.25. From dark birds, so much sought after for breeders. Buy from Western representative International Ancona Club. A. M. Kauffman, Lockridge, Ia. 84

ANDALUSIANS.

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs and Indian Runner Ducks. Finest strains. First prize winners at the Tennessee State Fair and Appalachian Exposition, 1910. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 91

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners, 1908. Eggs, 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 91

BLUE ANDALUSIANS—Most wonderfully beautiful; great winter layers; winners everywhere, Hagerstown, Jamestown Exposition, Baltimore, Allentown. V. H. Council, Specialist, Warrenton, Va. 83

BABY CHICKS

BABY CHICKS—hatched from "x" to "xx" eggs. Many varieties, now ready. Magic Egg Tester Works, Section G., Buffalo, N. Y. 83

BABY CHICKS—Pure White Leghorns, \$11 per hundred; \$6 per fifty. Smaller number, 15c each. Prize winning White Leghorn eggs, \$2 per 15. White Pekin Duck eggs, \$2 per 12. E. Irwin, Normandy, Tenn. 82

DAY-OLD CHICKS, \$15 for 100, from prize-winning S. C. R. I. Reds and Buff Orpingtons. Delivery March, April and May. Eggs, \$1.00 for 15. Lynnwood Baldwin, Farmville, Va. 83

BABY CHICKS, hatching eggs, and number, any distance, guaranteed. Wyckoff or Blanchard strain S. C. White Leghorns with high egg records. 18 years with these wonder layers. Furnished the foundation stock for the coming plant at Bound Brook, N. J. Prompt delivery, low prices. Capacity, 75,000 chicks. C. N. Reynolds, Canton, Pa. 85

BABY CHICKS at 12 cents. Write for particulars. Single Comb Brown Leghorns that are bred for egg production and have well developed combs and that soft brown back color that is so much admired. They also have the size and shape that go with thrifty stock. Eggs, \$1.50 per 15; \$7.00 per 100. Promptness is our specialty. Write for descriptive circular. Sturtevant Bros., Box 12, Kushla, Ala. 82

REGISTERED HOLSTEINS

HOLSTEIN BULL CALVES, "bred in silk." Johnson Bible College, Kimberlin Heights, Tenn. 81

BANTAMS

RARE BARGAINS—Golden and Silver Seabright, Buff and Black Cochins, Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 86

BANTAMS—Rare bargains in Golden and Silver Seabright, Buff, Black and White Cochins, Rose Comb Black and Black Breasted Red Game Bantams. Highest honors at Madison Square and other leading shows. Buy your exhibition birds of us and win. Procure a male of our strain and improve your flock. Proper & Sons, Schoharie, N. Y. 91

BRAHMAS

LIGHT BRAHMAS EXCLUSIVELY for 17 years. Fine, pure-bred cockerels, \$2.50, \$3.00, \$5.00 each. Hens and pullets, \$2.00, \$2.50 each. Mrs. J. M. Whaley, Member of Light Brahma Club, R. 2, Sharpsburg, Ky. 83

LIGHT BRAHMAS. Choice pullets and year old cocks. Eggs from prize winners, \$3. Other pens \$1.50 to \$2.50. Baby chicks. Mrs. F. M. Villeret, Centerville, Miss. 82

BUCKEYES

BUCKEYES EVENTUALLY. Why delay; beautiful Kentucky cardinal strain. Eugene Cowles, Shelbyville, Ky. 83

BUCKEYES.—Tenth year. Reds that are red. Cincinnati firsts last four shows. Smith Dunning, Logan, Ohio. 83

BUTTERCUPS

FOR SALE. Scillian Buttercup cocks and cockerels. J. N. Rosser, Bedford City, Va. 82

BUTTERCUPS—The world's greatest layers. A few selected cockerels for sale. Eggs for hatching. For prices and circular, address D. S. Thornburg, Cherryville, N. C. 82

CORNISH

WHITE CORNISH chickens—large, pure blood; \$1.50 to \$5.00 each; eggs, \$1.50. M. E. Kennedy, Temple, Ga. 82

HAMBURGS

SILVER SPANGLED HAMBURGS. Winners St. Louis, Terre Haute, Indianapolis. Eggs, \$2.00 for 15; \$3.50 for 30. Circular free. Charley Laughlin, Bloomfield, Ind. 85

SILVER SPANGLED HAMBURGS. Stylish, beautiful, energetic birds. Constant layers. Universally admired. My stock is select. Eggs, \$2 per 15. E. F. Peters, Lynchburg, Va. 82

SILVER SPANGLED HAMBURGS, S. C. White Leghorns, S. C. Buff Orpingtons, White Holland Turkeys, Indian Runner Ducks. Standard bred for exhibition and heavy laying. Best strains on earth. Satisfaction guaranteed. Eggs, \$1.50 and \$2.00. Cedar Hedge Poultry Farm, Savannah, O. 82

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HOUDANS—Valuable book on Houdans, 10 cents. Fine lot of cockerels for sale. Eggs for hatching. Dr. Geo. Taylor, Orleans, Ind. 82

HOUDANS. Winners wherever shown. See our record at the State Fair, Knoxville, Lebanon and the Great Appalachian Exposition. For stock and eggs, write me your wants. Dr. Leeper, Lenoir City, Tenn. 87

HOUDANS—An elegant pen of beautiful birds. Great layers. They never set. Gentle and easily confined. Eggs \$2 per 15. E. F. Peters, Lynchburg, Va. 82

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BLACK LANGSHAN SPECIALIST—Do you want fifteen eggs for \$2 from blue ribbon hens mated to Appalachian First? "Early Queen" laid 29 eggs in a trap nest in December. Won two gold specials and five firsts at Chattanooga. Seven years first cockerel winnings. Vitality—my original strain. Write. J. R. Brown, Sweetwater, Tenn. 83

LEGHORNS.

WINNERS—Rose Comb White Leghorns, Lew Nelson, R. No. 3, Britt, Iowa. 86

SINGLE COMB WHITE LEGHORNS. Eggs, \$1.50 per 15. Golden Northern, 90 Elizabeth St., Shelbyville, Ind. 82

S. C. WHITE LEGHORN EGGS. Blanchard's Strain. \$1 per 15, \$5 per 100. Fertility guaranteed. C. P. Shirey, New Park, Pa. 82

KEEP POULTRY FOR EGGS—Brown Leghorns will furnish them. Eggs, \$1.00 for 15. R. B. Ragsdale, Knoxville, Tenn. 83

BABY CHICKS—Rose or Single Comb Brown Leghorns, hatched from "x" to "xx" eggs. Magic Egg Tester Works, Section G., Buffalo, N. Y. 83

EGGS from my farm-raised S. C. White Leghorns at \$4.00 per 100. The kind that lay. 90 per cent fertility guaranteed. J. H. Geer, Sparta, Tenn. 83

S. C. WHITE LEGHORNS and B. P. Rocks. Score 92½ and 95 points. Eggs at let-live price, \$1.25 per 15. Guaranteed. M. C. Clayton, Athens, Tenn. 84

EGGS—EGGS. White Leghorns (both combs) and Buff Orpingtons, both show and utility. We can please you. Write for circular. Taylor Poultry Yards, Stanley, N. C. 83

EARLY MATURING, heavy winter laying, S. C. White Leghorn baby chicks, hatched from "x" to "xx" eggs. Magic Egg Tester Works, Section G., Buffalo, N. Y. 83

SINGLE COMB BUFF LEGHORNS. Boston, New York, Allentown and Trenton winners head seven pens. Mating list free. Wm. E. Crevoiserat, Freeport, N. Y. 83

SPECIALTY BREEDER of Wyckoff's S. C. White Leghorns. Superior merit in both laying and standard qualities. Stock and eggs. Mrs. L. F. Strange, Guthrie, Ky. 82

S. C. BUFF LEGHORNS—Eggs for sale from my prize winning and heavy laying strain at \$1.50 per 15; \$5 per 100. Cockerels for sale. L. M. Cleveland, Washburn, Tenn. 82

SINGLE COMB BROWN LEGHORNS. Eggs from Chicago, Kansas City, Indianapolis, Illinois State Show winners. Send for mating list. Upland Poultry Farm, Box K, Decatur, Illinois. 84

EGGS, EGGS, EGGS. Single Comb White Leghorns are genuine egg machines. Every day all the year round layers. Best offer. Prices that will surprise you. E. A. Rogers, Box 2, Hixson, Tenn. 83

ROSE COMB BROWN LEGHORNS. 1st prize at Illinois State, St. Louis, Kansas City. 15 years a specialty. Mammoth Pekin ducks. Oldest breeder in the West. Extra large. Eggs, \$5 per 100. Oscar Wells, Farina, Ill. 84

SINGLE COMB WHITE LEGHORNS exclusively. Wyckoff-Wilber Bros. strain. Heavy layers. Standard bred. Large, strong and vigorous. Eggs from select matings, \$1 for 15. Edward Montgomery, Knoxville, Tenn. 84

MY SINGLE COMB WHITE LEGHORNS are acclimated "born layers." Eggs—15, \$1.25; 50, \$3; 100, \$5. Baby chicks—20, \$3; 50, \$6; 100, \$10. Bank reference. Right treatment. Write me. C. W. Hunt, Charlotte, N. C. 82

FASHIONS. Proudest White and Brown Leghorns from oldest line-bred prize winning families in America. Great layers as well as winners. Will send you LEGHORN FACTS AND FANCIES free for a postal. J. F. Ryder, Highfield, Md. 82

LEGHORNS

SINGLE COMB BROWN LEGHORNS. Stock and eggs for sale. Won 1st cock, 1st cockerel, 1st hen, 1st pullet at Gibson County Poultry Show, December, 1910. B. C. Elliott, Bells, Tenn. 82

FOR SALE—White Leghorn eggs that are guaranteed to run 90 per cent fertile. \$5.00 hundred; \$1.50 fifteen. Baby chicks, 15 cents each, \$12.00 hundred. Wyckoff strain. E. L. Johnston, Spring Hill, Ala. 83

HINKLE'S BRED-TO-LAY S. C. White Leghorns. Greatest layers ever produced. Years of scientific mating and breeding has established wonderful laying quality. Write for prices at once. Southern Dale Poultry Yards, Penn Laird, Va. 82

EGGS FOR HATCHING from prize winning Single Comb White Leghorns. Wyckoff's strain, \$1.50 and \$1.00 for 15; \$5 for 100. Indian Runner duck eggs, \$1.50 for 12. A few Indian Runners for sale. Fred D. Smith, Morristown, Tenn. 82

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S. C. BLACK MINORCA eggs, \$1.00 per 13. Mrs. M. W. Baker, Watertown, Tenn. 83

COKE STRAIN Single Comb Black Minorcas. Eggs for sale, \$1.50 per 15. Luther Coke, Guthrie, Ky. 84

IF YOU WANT fine stock and egg producers, try my Single Comb Black Minorcas. Eggs, first pen, \$1.50; second, \$1.00. Jas. Mathies, Morristown, Tenn. 82

S. C. BLACK MINORCAS with a show record. Eggs, \$3.00 for 15; special mating, \$5.00. Satisfaction guaranteed. Mrs. M. R. Porter, Route 10, Nashville, Tenn. 84

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S. C. BUFF ORPINGTONS. Stock and eggs, \$1.50 up. Write your wants. Major Griffin, Glenwood, Ind. 87

KELLERSTRASS STRAIN of White Orpingtons, none better. Eggs, \$3 per setting. L. W. Wingate, Charlotte, N. C. 83

KELLERSTRASS WHITE ORPINGTON eggs from all high-scoring birds, \$2.00 per 15. Robert C. Boss, R. 9, LaPorte, Ind. 83

WE PAY EXPRESS on eggs from our high class exhibition Crystal White Orpingtons at \$3 and \$5 per 15. Snowflake Orpington Farm, Carthage, Mo. 84

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KELLERSTRASS STRAIN Crystal White Orpingtons—Cockerels for sale; eggs in season; breeders direct from Kellerstrass Farm. E. M. Condra, R. 1, Hill City, Tenn. 82

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SINGLE COMB WHITE ORPINGTONS—(Cook's strain). Eggs from bred-to-lay, trap-nested, strong, healthy stock, \$1.50 and up for 13. L. A. Slaughter, Fredericksburg, Va. 82

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S. C. BUFF ORPINGTONS (Exclusively). A rich golden buff throughout. The strain that lays. Eggs, \$2.50 per 15. A good hatch guaranteed. J. T. Bailey, Mt. Roswell, Ala. 83

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S. C. BUFF ORPINGTONS—My birds are fine winter layers and have the best of blood lines. 1st pen, \$3.00; 2d pen, \$2.00; utility, \$1.00 for 13. H. J. West, Sparta, Tenn. 83

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CRYSTAL WHITE ORPINGTONS are the world's greatest chickens. Don't buy eggs before you have seen my mating list. My eggs are sold under positive guarantee. My 80-acre farm is devoted to this one breed. Address White Feather Farm, R. 1, Liberty, Indiana. 83

START A FRESH EGG FACTORY—Get Orpingtons, the big winter layers. We breed Kellerstrass Whites, descendants of "Peggy," the \$10,000 hen, and queenly Blacks and Buffs of fine size and color. Send for free catalog. The Seminole Farm, Corinth, Miss. 83

BUFF ORPINGTON EGGS from twenty superlative yards containing one hundred prize winners. America's best large flock. Solid even color throughout, red eyes, large size, grand layers. Money makers. Eggs, 8c to \$2 each. Breeding cockerels, \$3 up. Beautiful catalogue free. John Willard, Linden, Mich. 84

S. C. BUFF ORPINGTONS—Only a limited number of eggs for sale. Pen No. 1, headed by 3d cockerel, Louisville Show, 1911, \$5 per 15; pen No. 2, headed by cockerel almost as good as No. 1, \$3 per 15. My pullets commenced laying early in December and have been laying all winter. Fertility guaranteed. M. L. Walker, 2126 Transit Ave., Louisville, Ky. 84

"QUEEN QUALITY" BUFF ORPINGTONS. Show birds that are winter layers. A combination of the two essentials of good poultry. Illinois State Fair (1910) winnings: 3rd cock, 2nd hen, 1st cockerel, 1st pullet, 1st pen. A total of 55 entries in four years won 22 firsts, 13 seconds. Eggs from my matings produce winners anywhere. Catalogue free. Jos. Cruzan, State Vice-Pres. Nat'l S. C. Buff Orpington Club, Mattoon, Ill. 82

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EGGS FOR HATCHING from fine farm-raised Barred Plymouth Rocks. 15 for \$1; 50 for \$3. Glenford Clements, Madison, Ind. 84

B. P. ROCKS.—Few cockerels and pullets for sale, \$1.00 to \$5.00 each. Eggs, \$1.00 to \$1.50 per 15. E. F. Jackson, Carrollton, Ga. 83

PARTRIDGE PLYMOUTH ROCKS, S. C. White and Brown Leghorns. Stock for sale. Eggs, \$2.00 per 15. W. T. Bull, Box 29, Greenville, S. C. 82

BARRED ROCKS—Prize winning and great egg-laying strain. Eggs, \$1.00 per 15, \$5.00 per 100. J. A. Phelps, R. 1, Louisville, Tenn. 83

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BUFF ROCKS, EXCLUSIVELY. Prize winnings and great egg laying stock. Males, \$2 up. Females, \$1 up. Satisfaction guaranteed. P. A. St. John, Onarga, Ill. 81

BARRED PLYMOUTH ROCK eggs. If you are looking for quality, I have the goods. Egg orders booked. Catalogue free. Chas. Schlueter, Box C., Reynolds, Ill. 84

HIGH QUALITY Barred Plymouth Rock eggs, pure Ringlet and Latham strains direct. Drop me a card for mating list, giving full particulars. C. F. Bauer, Litchfield, Ill. 84

CENTER POULTRY YARDS—Howard Co. Tigrets' Barred Plymouth Rocks. Stock for sale. Great grandsons of world's champion, 1906, and other fine ones. Eggs in season. Satisfaction guaranteed. Pedigree given. Write your wants. Hiram C. Powell, Box No. 43, Center, Ind. 83

PARTRIDGE PLYMOUTH ROCKS. (Best in the West). Winners of the blue at Omaha, Topeka and Hastings. Eggs, pen 1, \$5 per 13; pen 2, \$8 per 13, all show birds. R. M. Beale, Waverly, Neb. 84

HAWKINS' BARRED ROCKS. My pen is headed by a fine cockerel from Hawkins' Yards. Eggs, \$1.50 for 15. References, Bank, Methodist Pastor and Postmaster. Mrs. Dora Coward, Dawson Springs, Ky. 84

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HARRISON'S WHITE ROCKS won, Ohio State Fair 1910, 1st cock, 1st cockerel, 1st hen, 2d and 3d pullet; Cleveland 1911, 1st cock, 1st and 3d cockerel, 1st and 5th hen, 2 pullet; no pens shown. Choice cockerels for sale. Send for mating list. Eggs by setting or hundreds. Satisfaction guaranteed. S. R. Harrison, R. 11, Shelby, O. 83

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S. C. RHODE ISLAND RED eggs, finest strain, \$2.00 per setting. Gray Newman, 422 E. Scott St., Knoxville, Tenn. 84

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IF YOU WANT EGGS the year around, get our strain of S. C. Rhode Island Reds. Eggs from choice, free range, utility flock, a specialty at \$1.50 per 15; \$7.50 per 100. From special pens \$3 to \$5. Satisfaction guaranteed. Send for mating list. Crehore Bros., Lorain, Ohio. 82

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WHITE WYANDOTTES. Eggs from birds scoring 93 to 96½. Prize winners. Prompt shipment. Courteous treatment. \$1.50 per 15. Newton C. Myers, Greenville, Tenn. 82

SILVER LACED WYANDOTTES of superlative quality. Steinmesch strain, \$2.50, and Seminole strain, \$1.50 per setting of 15 eggs. Send for free catalogue. Seminole Farm, Corinth, Miss. 83

PARTRIDGE WYANDOTTES. Winners at leading shows for 12 years. Fine lot of breeders and show birds for sale. 1911 mating list now ready. Chas. F. Avery, Box H, Columbia City, Ind. 83

THE "VIRGINIA BELLE" strain of Partridge Wyandottes cannot be beaten. Strong, healthy, and fine winter layers. Eggs \$2 for 15. Let me have your order. Mrs. Nat Lancaster, Ashland, Va. 83

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BUTTERCUPS, Single Comb Reds, Columbian Wyandottes, Buff Cochins Bantams. Eggs. E. H. Adams, Outwood, Pa. 82

WHITE ORPINGTONS and White Wyandottes. Prize winners. Eggs reasonable. Young chix. W. F. Hollingsworth, Morganton, N. C. 83

EGGS FOR HATCHING.—Pure bred White Wyandottes and Buff Orpingtons. Excellent layers. Setting of fifteen, \$1.25, two settings, \$2.25. Wakfield Poultry Yards, Wakfield, Va. 82

BOOKING ORDERS NOW for eggs from Indian Runner Ducks, S. C. Rhode Island Reds, S. C. White Leghorns, \$4.00 per 100. Bronze turkeys. Bay View Poultry Farm, Sheltown, Md. 82

FOR SALE—Stock and eggs from prize winning R. C. Rhode Island Reds, Rhode Island Whites, S. C. Blue Andalusians, White Rocks. A. P. Dorris, Route 3, Springfield, Tenn. 83

S. C. R. I. REDS and Buff Orpingtons. Eggs for hatching, \$1 for 15, 10 guaranteed fertile. Stock, seven hens and one cockerel for \$15. Satisfaction guaranteed. Lynwood Baldwin, Farmville, Va. 83

CHOICE S. C. WHITE LEGHORNS, Partridge and Columbian Wyandottes. Indian Runner Ducks. Eggs for sale. Money returned if not A1. Yours for show birds, P. C. Martin, Livermore, Ky. 82

EGGS FOR HATCHING. Barred Rocks, Mammoth Pekin Ducks and Mammoth Bronze Turkeys. Bred from our Cincinnati State Show winners. Write. Cliff Bryant, Box H, Hamilton, Ohio. 82

ALLENBERG'S THOROUGHBRED Poultry. Any variety. Satisfaction guaranteed, or money refunded. Stock and eggs for sale. Write for price list. Albert Allenberg, Station S., Box 17, Cincinnati, Ohio. Dept. E. 83

PURE BRED EGGS from farm raised Columbian Wyandottes, White Plymouth Rocks, S. C. Buff Orpingtons, Brown and White Leghorns, Indian Runner Ducks and Toulouse Geese. L. Pollock, Hohenwald, Tennessee. 83

EGGS, \$2 TO \$5 PER 15 from high-grade prize winning S. C. R. I. Reds, S. C. White Leghorns and Buttercups. Write your wants. I will fill them and guarantee them to be as represented. James Carmichael, Rogersville, Tenn. 82

EGGS FROM OUR PRIZE WINNERS—bred-to-lay stock. Barred Rock, White Leghorn, Rhode Island Red and Indian Runner Duck eggs, \$3.00 for 15; \$5.00 for 30 shipped on short notice. We breed the birds that lay; start right. Belmont Farm, Smyrna, Ga. 83

"MUNNIMAKER" STRAIN Single Comb White Leghorns. Kellerstrass Strain Crystal White Orpingtons. "Famous" Strain imported Indian Runner Ducks. Eggs and fowls. Write at once before buying. "Munnimaker" Poultry Farm, Loudon, Tenn. 84

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EGGS FOR HATCHING from my town and white Indian Runner Ducks. Heavy laying strain of large white eggs. Blue ribbon winners. For particulars address Orchard Poultry Farm, Millerton, Dutchess Co., N. Y. 82

EGGS

Partridge Wyandottes, Light Brahmas, Cornish Indian Games.

Pens all headed with high-scoring birds. Our Stock as good as there is in the South, both for quality and eggs. \$2.50 per setting of 15. Book your order NOW.

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INDIAN RUNNER eggs, \$1.00 per 15 from Kentucky's famous Eagle Farm stock. Satisfaction guaranteed. N. R. Gullion, Sparta, Ky. 83

INDIAN RUNNER DUCKS—Ballard's strain. The world's best layers. \$2.00 per 13, well packed. Miss May Fuller, Morristown, Tenn. 84

MAMMOTH WHITE PEKIN DUCKS—Ran-kin and Japanese strain. Eggs, \$1.25 for 13. Mrs. Shanks, 1785 Yale Ave., Knoxville, Tenn. 82

INDIAN RUNNER DUCKS—Cook's strain. Layers, \$5.50 pair; \$8.00 trio; eggs, \$2.00 for 13. Fish River Poultry Yards, Magnolia Springs, Ala. 83

INDIAN RUNNER DUCKS—220 egg strain, large, white eggs. Stock and eggs for sale. The Avery Poultry Yards, M. A. Daugherty, Prop., Avery, Ohio. 83

INDIAN RUNNER duck eggs, \$1.00 per 15; \$5.00 per hundred; eggs pearl white. These ducks lay equal to a Leghorn hen. Mrs. John Marts, New Castle, Ind. 83

INDIAN RUNNER DUCKS, fawn and white, great layers of large white eggs. Am now booking orders for eggs at \$1.50 per 13, \$7.00 per 100. Paul Anthony, East Berlin, Pa. 82

INDIAN RUNNER DUCKS.—288-egg laying strain. Ducks, \$2.00; drakes, \$1.00; per head. Eggs. \$1 per 15; \$3 per 50; \$5 per 100. Mrs. Wm. Hedge, Route 23, Jamestown, Ind. 84

DUCKS. Indian Runner Duck eggs form my famous heavy laying strain. My birds layed every month last year and still laying. \$2 per 11, or 24 eggs for \$3.50. C. Stewart, Decatur, Ga. 82

COOK'S DUCK RANCH has for years produced the world's best Indian Runners. Grand breeding drakes, latest standard color, \$2 to \$5. Exhibition males, \$5 up. Irving E. Cook, Munnsville, N. Y. 82

INDIAN RUNNER DUCK EGGS from the English White Egg Strain. Eggs guaranteed to be white, \$1.00 per 13, \$3.00 per 50, \$5.00 per 100. S. C. White Leghorn eggs from Wyckoff's celebrated laying strain, \$1.00 per 15, \$3.00 per 50, \$5.00 per 100. Order now and avoid having to wait. Mrs. Robert Burford, Waveland, Ind. 82

GEESE

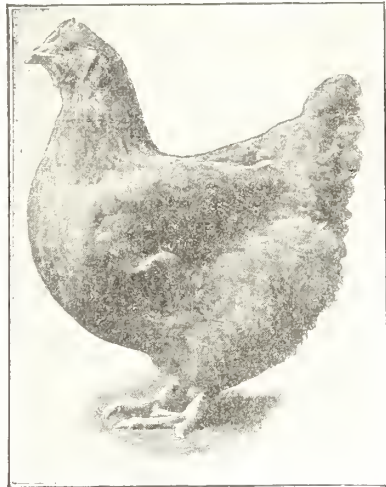
EGGS FOR HATCHING from my Mammoth Toulouse geese. They have won the blue ribbons. For particulars, address Orchard Poultry Farm, Millerton, Dutchess Co., N. Y. 82

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